
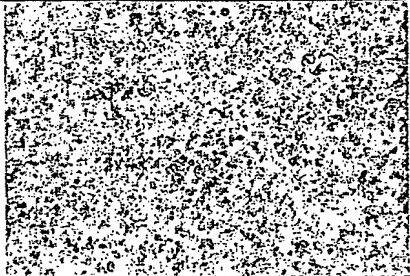
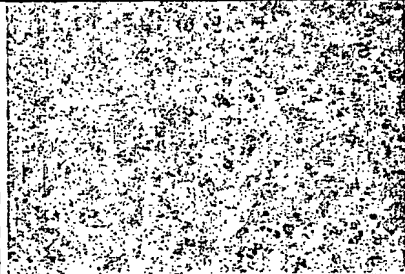
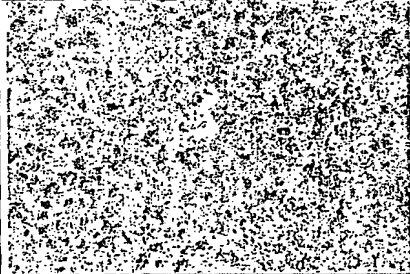


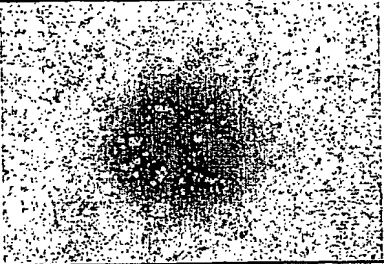
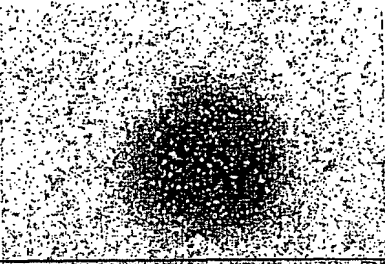
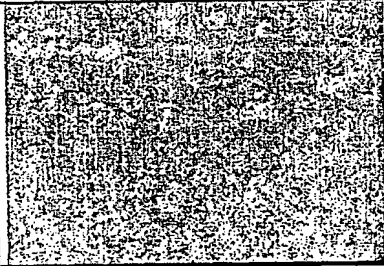
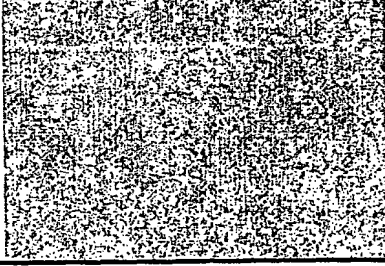
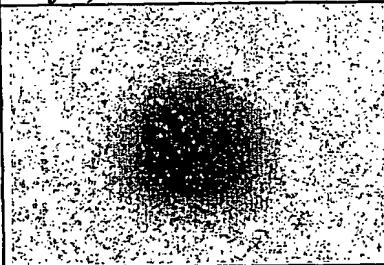
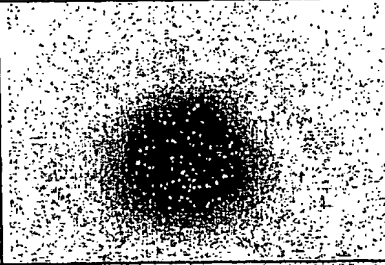


Experiments 1-26, Figures:

Experiment 1, Fig. 1:



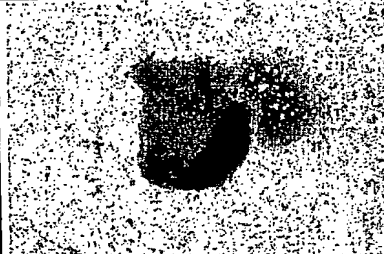
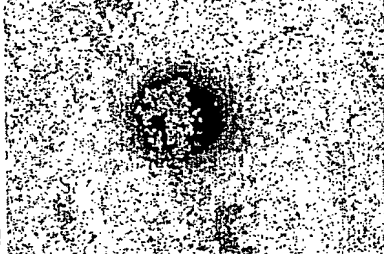

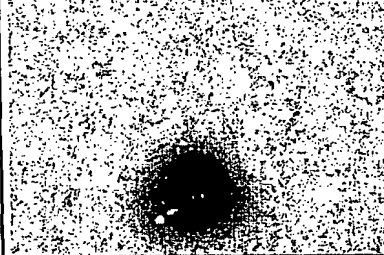
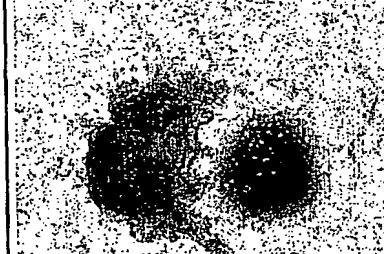
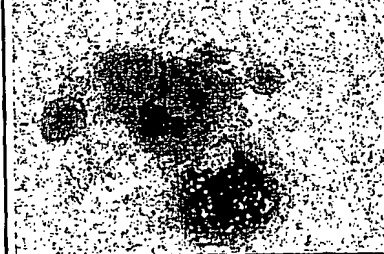
| | 1.2% agar | 0.8% agar |
|-----------|---|--|
| BHK21/c13 |  |  |
| S100T1 |  |  |

BEST AVAILABLE COPY

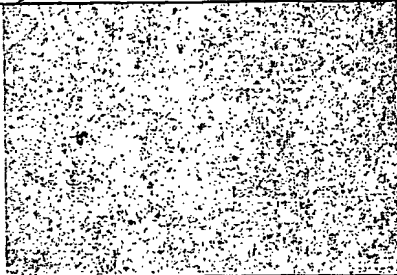

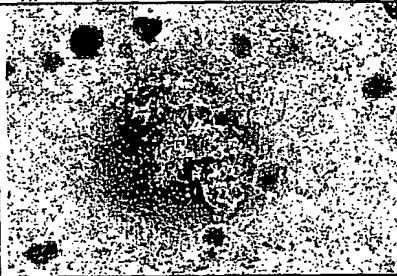
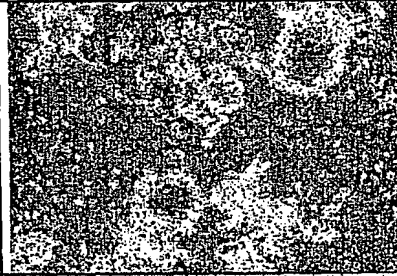
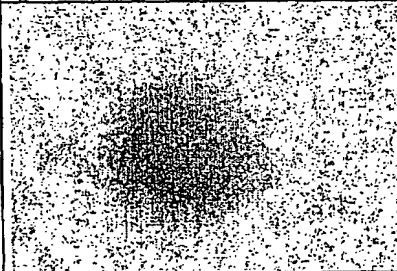
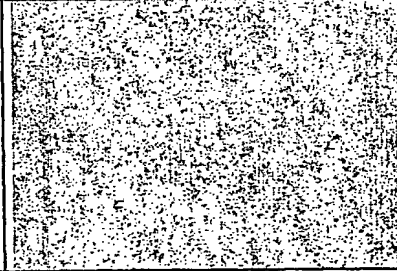
Experiment 2, Fig. 1:

| | Day 3, no addition | Day 3, 0-control (only +5°C) |
|--------------------------------------|--|---|
| Low magnification, 5 x objective. |  |  |
| Medium magnification, 10 x objective |  |  |
| | Day 3, 500 nM 4-OH-OPB | Day 3, 1000 nM 4-OH-OPB |
| Low magnification, 5 x objective. |  |  |
| Medium magnification, 10 x objective |  |  |

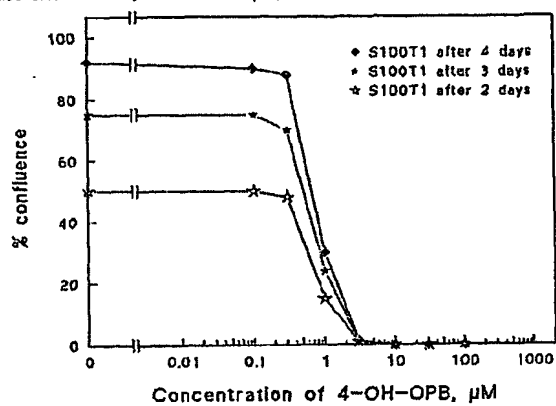
Experiment 3, Fig. 1:

| | As described in left column | Control without insulin ↓ |
|---|--|---|
| Insulin 0.1 iu/ml and conditioned medium |  |  |
| Ins.0.1 iu/ml, Mito+ and conditioned medium |  |  |
| Ins. 0.1 iu/ml |  |  |
| Ins.0.1 iu/ml and Mito+ |  |  |

Experiment 4, Fig. 1:

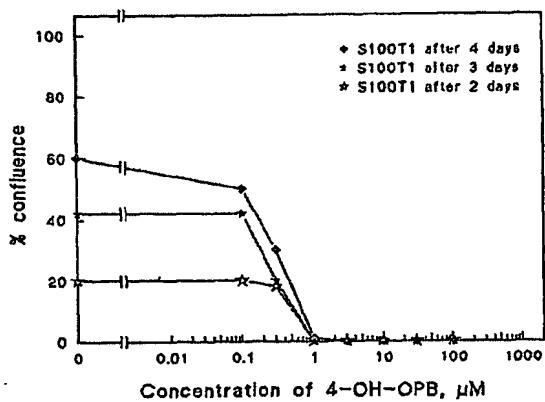
| | Low magnification (objective 4 x) | Medium magnification (objective 10 x) |
|--|--|---|
| These are the cells after seeding in soft agar before starting to grow (placed in the refrigerator before photographing). Phase contrast was not used here, only below |  |  |
| Day 7, no addition |  |  |
| Day 7, 3 μ M 4-OH-OPB added when seeded |  |  |

Confluence after 2-4 days with 10000 polyoma transformed BHKc13 and 4-OH-OPB

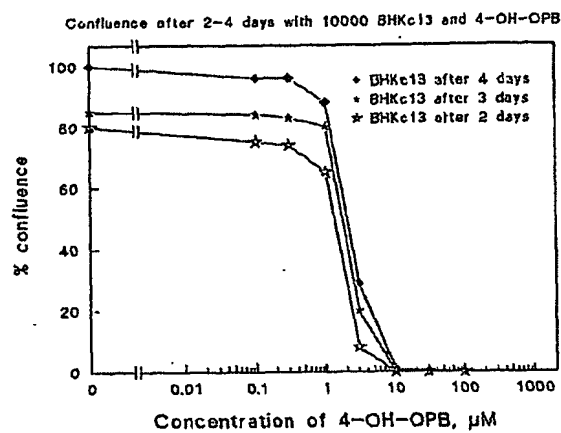


Experiment 5 Fig 1.

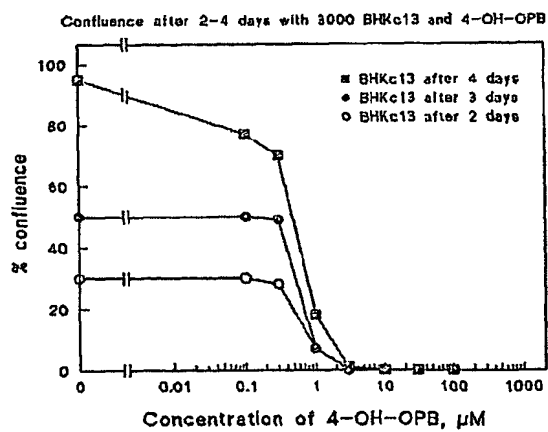
Confluence after 2-4 days with 3000 polyoma transformed BHKc13 and 4-OH-OPB



Experiment 5 Fig 2.

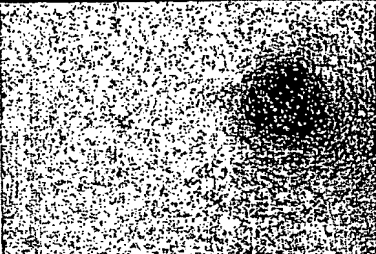
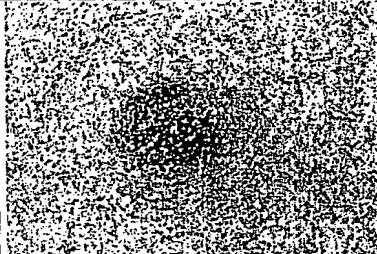
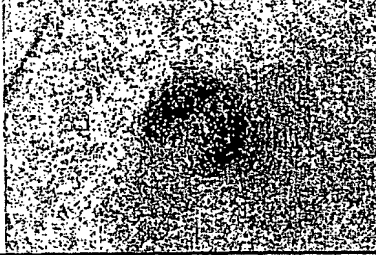







Experiment 5 Fig 3.


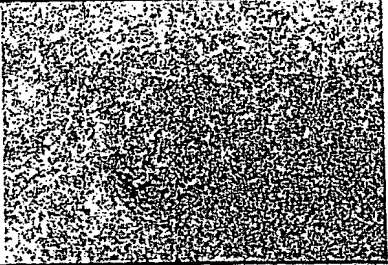
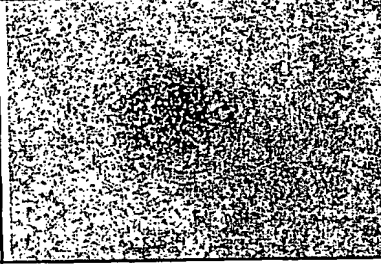
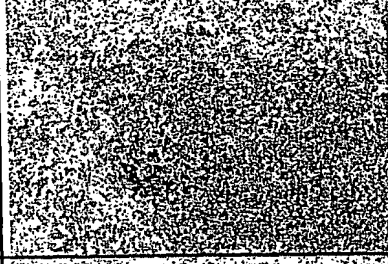
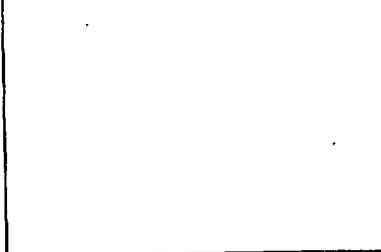



Experiment 5 Fig 4.

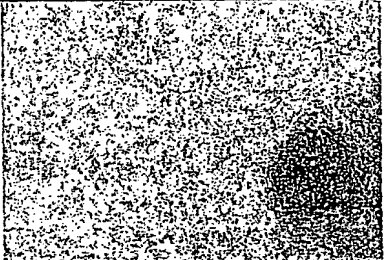
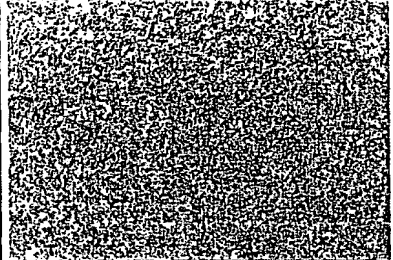
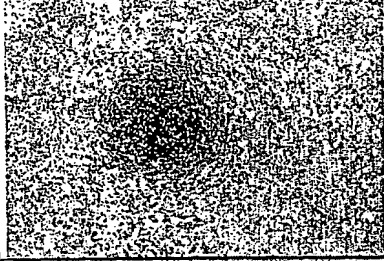

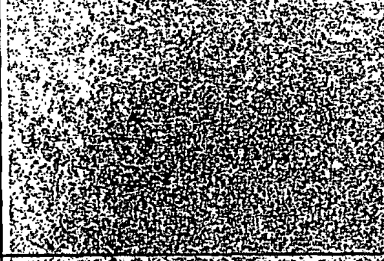

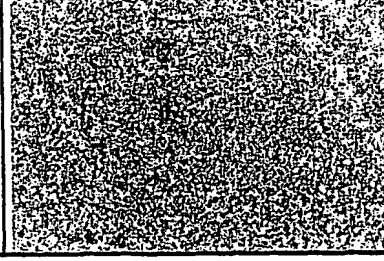

Experiment 6, Fig. 1:

| 4-OH-OPB, μ M: | Treated as indicated in 1 st column | Untreated |
|--------------------|--|---|
| 30 |  |  |
| 10 |  |  |
| 3 |  |  |
| 1 |  |  |

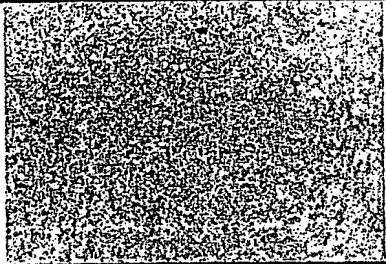
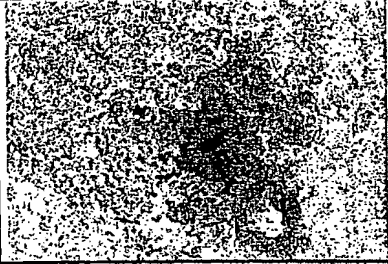
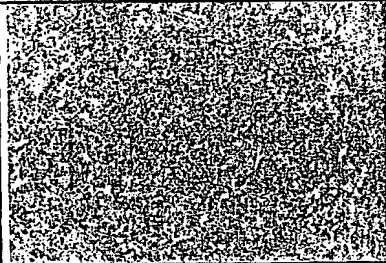

Experiment 6, Fig. 1, continued:

| 4-OH-OPB, μM : | Treated as indicated in 1 st column | Untreated |
|----------------------------|--|---|
| 0.3 |  |  |
| 0 |  |  |
| Control just after seeding |  |  |


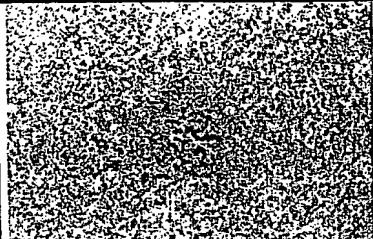
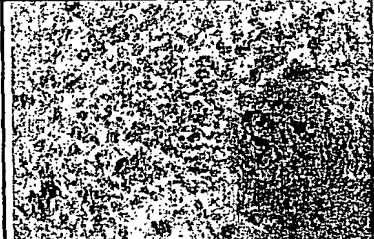
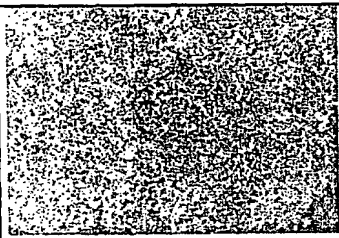
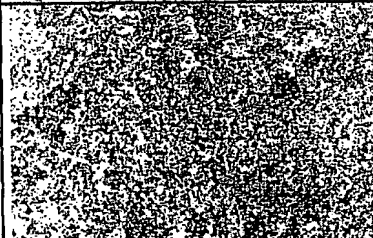
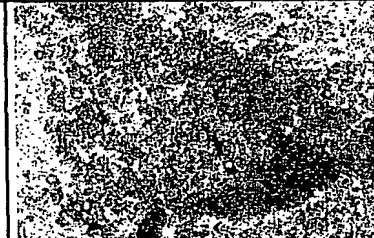
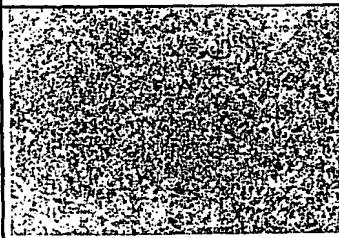


Experiment 6, Fig. 2: Photographs after one day:

| 4-OH-OPB, μ M: | Treated as indicated in 1 st column | Untreated |
|--------------------|--|---|
| 30 |  |  |
| 10 |  |  |
| 3 |  |  |
| 1 |  |  |

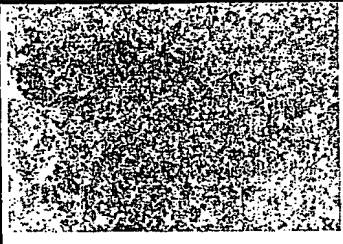





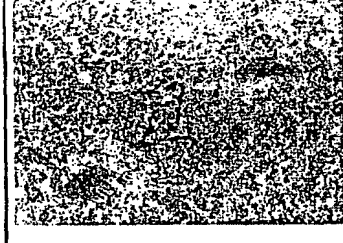


Experiment 6, Fig. 2: continued:

| 4-OH-OPB, μ M: | Treated as indicated in 1 st column | Untreated |
|--------------------|---|--|
| 0.3 |  |  |
| 0 |  |  |

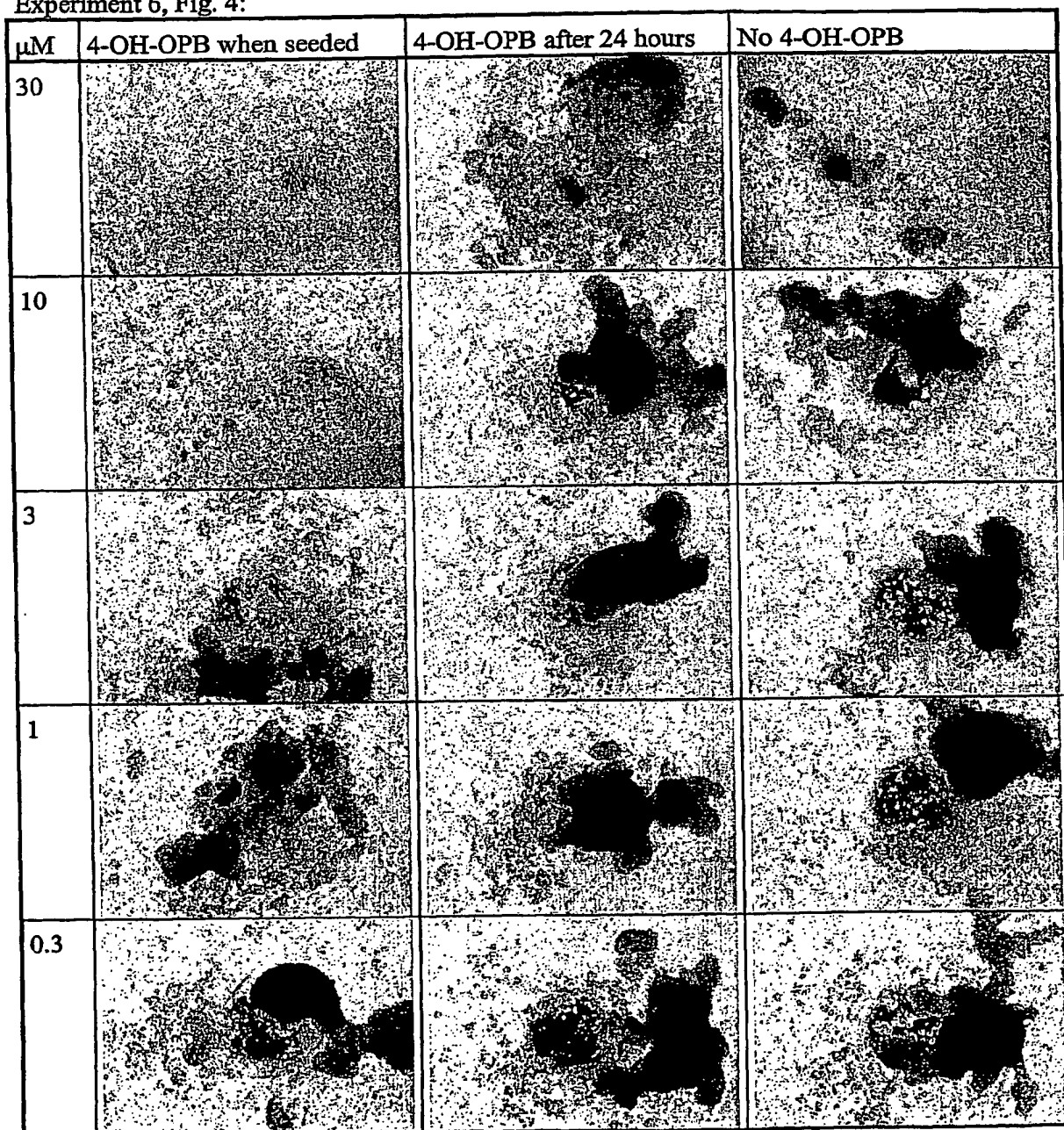
Experiment 6, Fig 3:

| μM | 4-OH-OPB when seeded | 4-OH-OPB after 24 hours | No 4-OH-OPB |
|---------------|---|--|---|
| 30 |  |  |  |
| 10 |  |  |  |
| 3 |  |  |  |


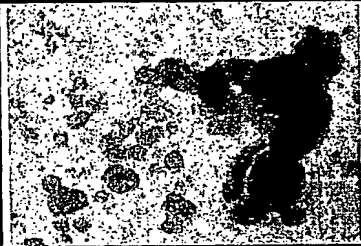
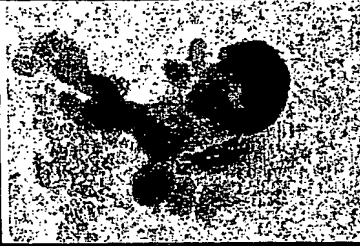
Experiment 6, Fig 3, continued:

| μM | 4-OH-OPB when seeded | 4-OH-OPB after 24 hours | No 4-OH-OPB |
|---------------|---|--|---|
| 1 |  |  |  |
| 0.3 |  |  |  |
| 0 |  |  |  |

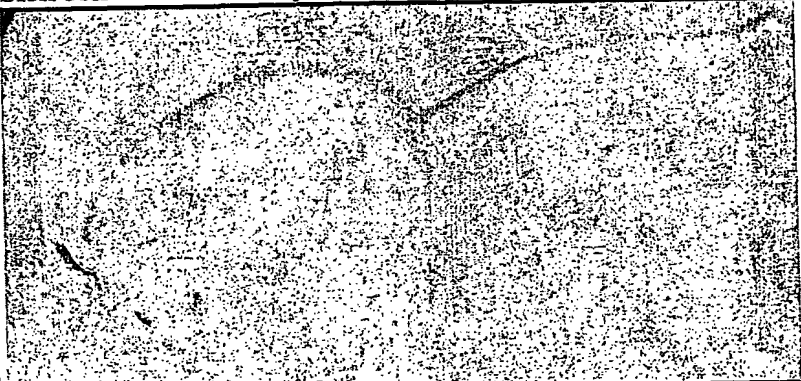

Experiment 6, Fig. 4:



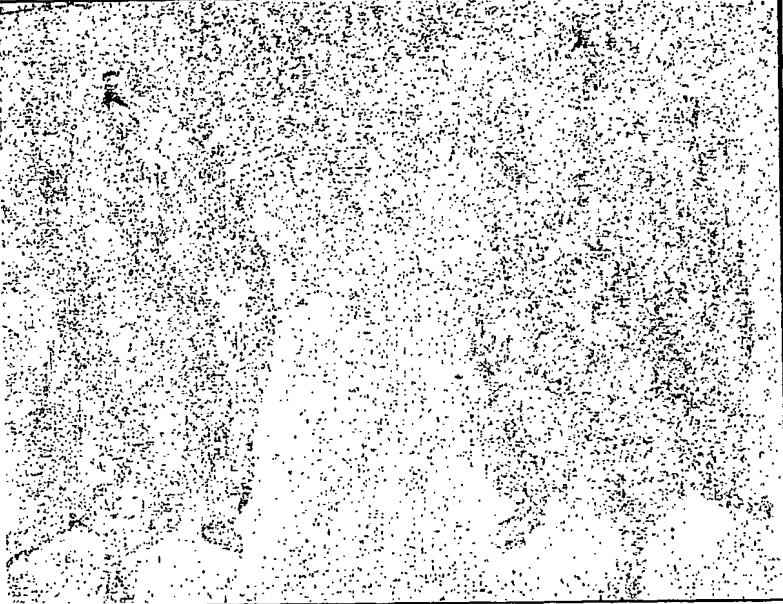
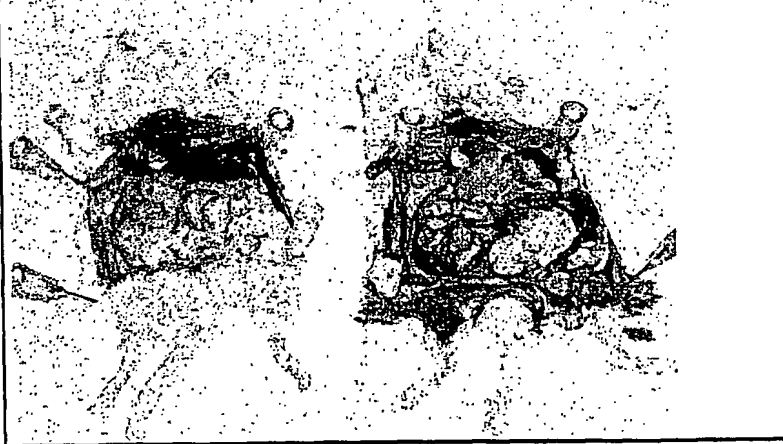
Experiment 6, Fig. 4, continued:

| μM | 4-OH-OPB when seeded | 4-OH-OPB after 24 hours | No 4-OH-OPB |
|---------------|---|--|---|
| 0 |  |  |  |

Experiment 7, Fig. 1:

| Sick control after 19 days | |
|--|--|
| Front/side: Large abdomen, pale external ears and tail |  |
| Healthy inoculated and treated mouse after 19 days | |
| Want to escape when roof of cage was removed. |  |

Experiment 7, Fig. 2:

| | From section |
|--|--|
| Treated to the left, control to the right. Note the tumour in groin/iliac fossa on the control mouse. |  |
| Treated mouse with normal organs to the left. Control to the right with pale liver, fibrinous material under left diaphragm tumour in left groin and ascites with blood discolouring lower fur margins and intestines. |  |

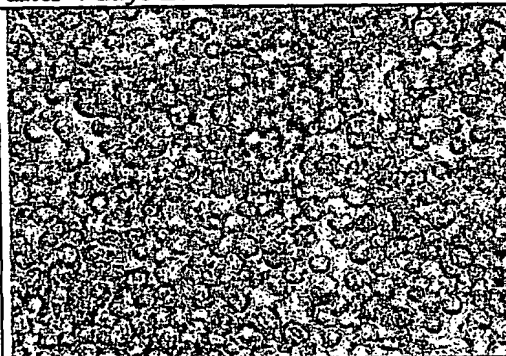
Experiment 7, Fig. 3:

Treated to the left, control to the right.
Upper row: Lungs and hearts, all normal.
2nd row: spleens. Subphrenic fibrinous material with erythrocytes and tumour cells to the right.
3rd row: Livers, kidneys.
Bottom row: omentum with tumour material on untreated animal. Solid groin tumour to the right. Lungs, liver, kidneys from control are anaemic.




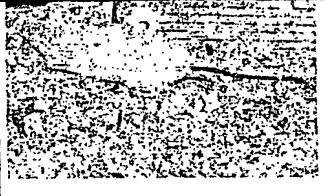
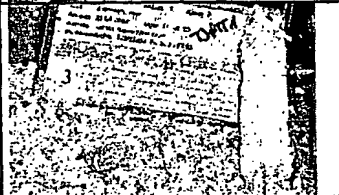
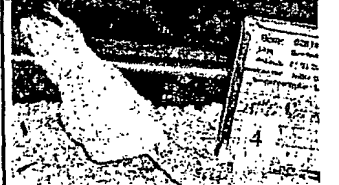





Ehrlich cells from untreated control
after 4 days in culture

Ehrlich tumour cells from ascites






Experiment 8, Fig. 1:


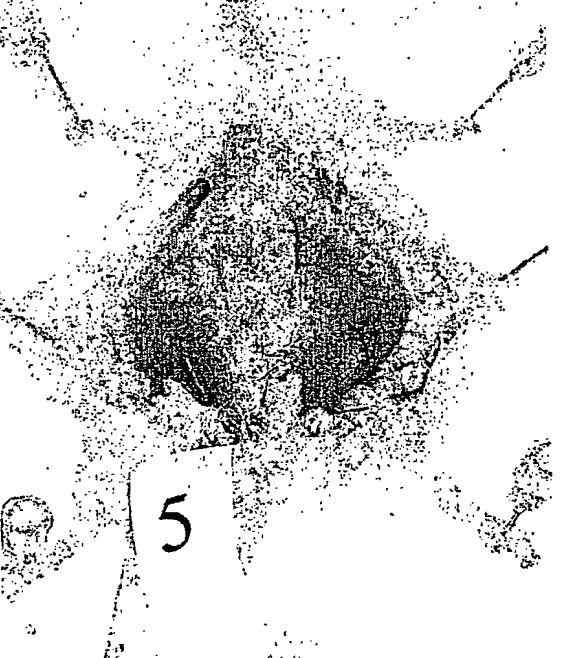


| No, μ l*, start | Finished day 17 | Live appearance | Live appearance |
|-------------------------|---|--|---|
| 1; 1.26 μ l*; day 0 | Healthy, no tumour or ascites |  |  |
| 2; 0.42 μ l; day 0 | Healthy, no tumour or ascites |  |  |
| 3; 0.14 μ l; 0 | Healthy, no tumour or ascites. White spots on liver, not suspicious |  | |
| 4; 0.047 μ l; day 0 | 4.5 ml ascites. Lens sized tumour at injection site, left abdominal wall. |  | |
| 5; 0; day 0 | 6.77 ml ascites. Injection site free. |  | |
| 6; 1.13 μ l; day 1 | 3.15 ml ascites. At injection site circular branched tumour. |  | |
| 7; 1.09 μ l; day 3 | Pea-size tumour at injection site in abdominal wall. 15 μ l ascites with typical cells, no blood. |  | |

*: From a solution in DMSO with 20 mM 4-OH-OPB

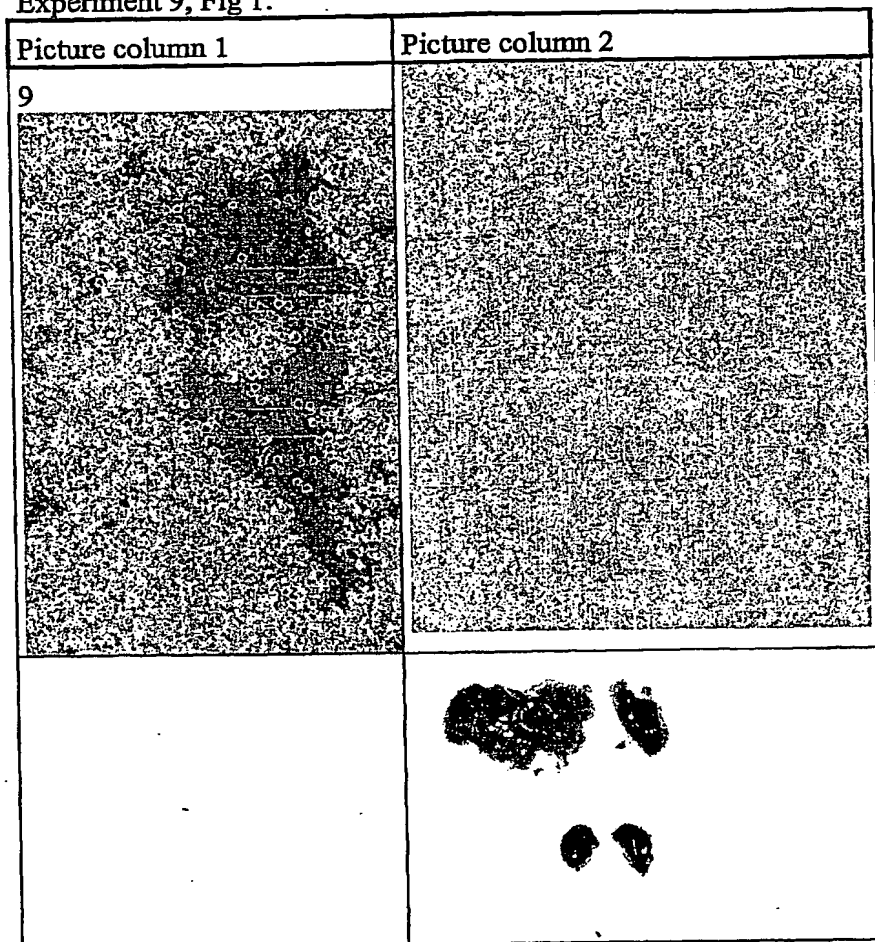
Experiment 8, Fig. 2:

| Number | Description | Picture |
|---------|---|---|
| 1 and 2 |  |  |
| 3 |  | |

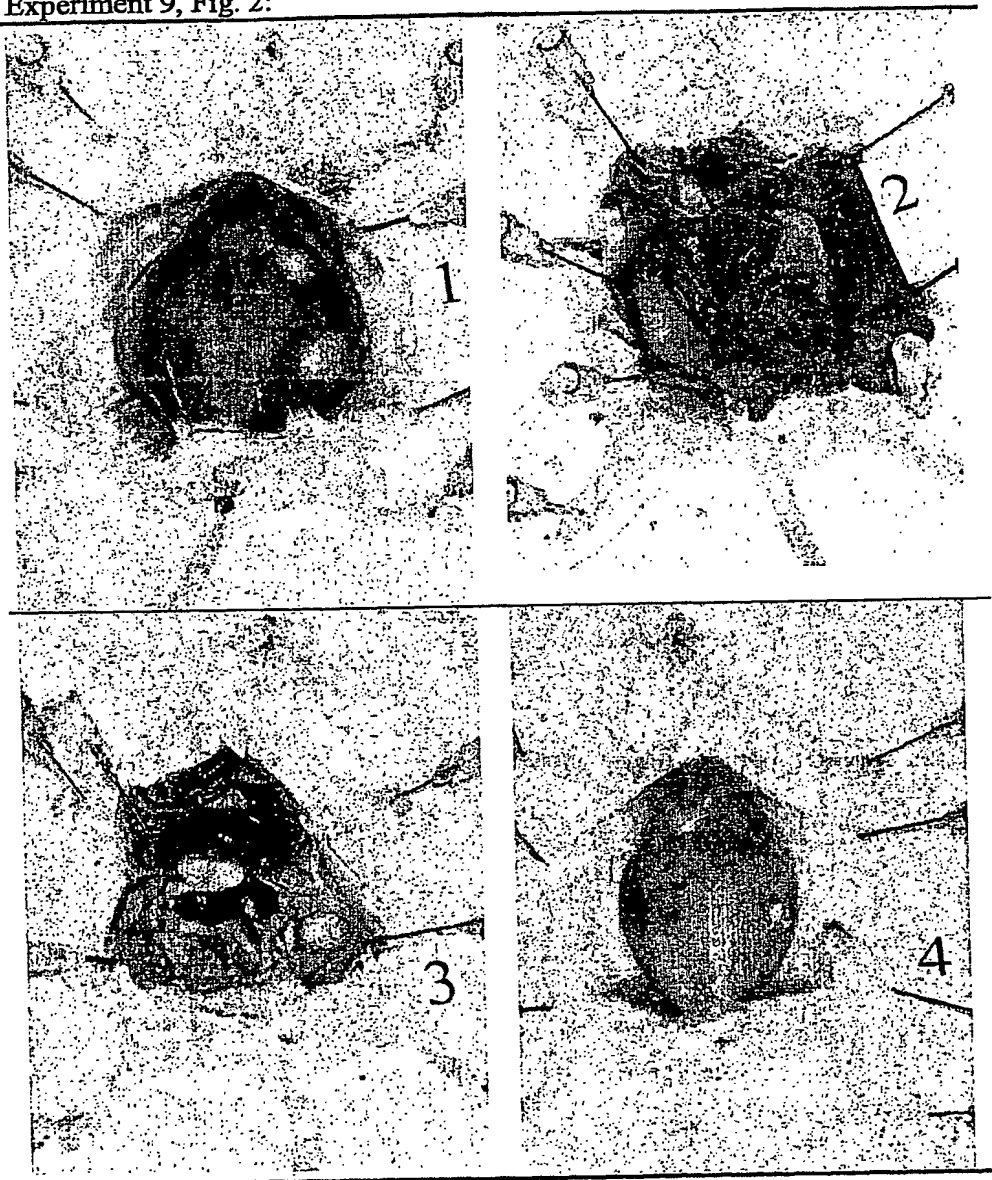
Experiment 8, Fig. 3:

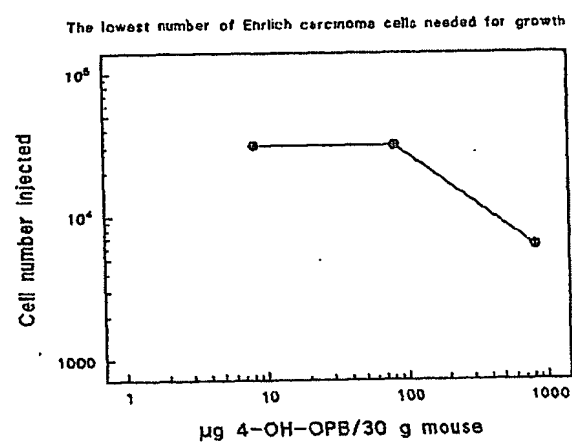
| Number | Description | Picture |
|---------|--|---|
| 4 and 5 |  4 |  5 |
| 6 and 7 |  6 |  7 |

Experiment 9, Fig 1:

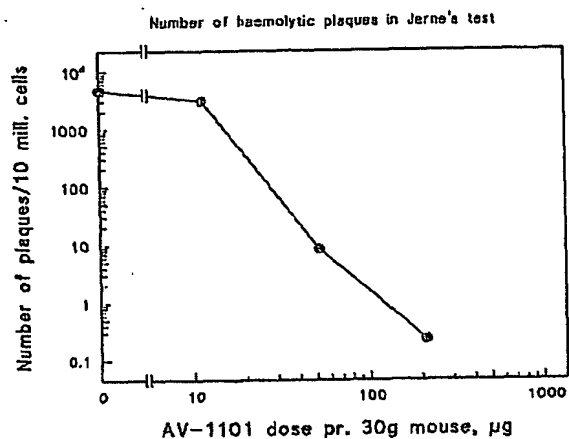


Experiment 9, Fig. 2:

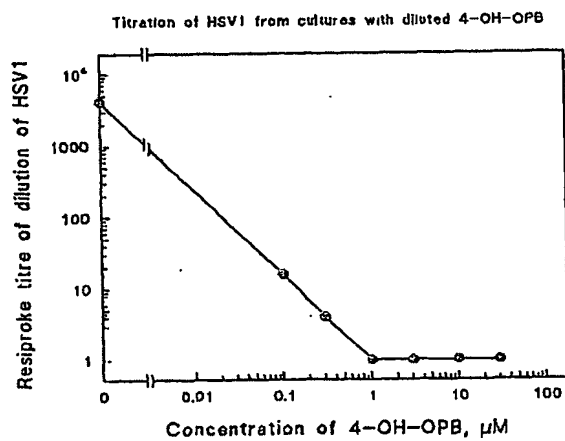




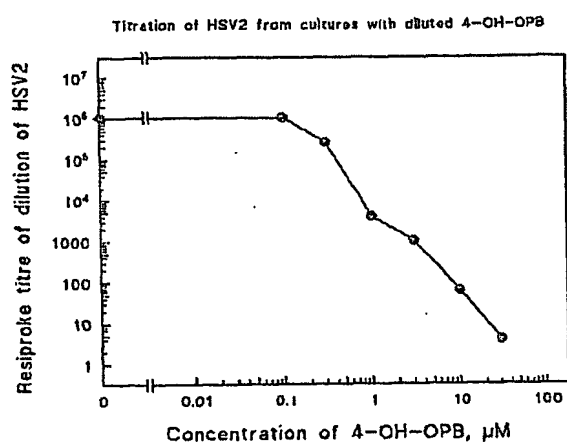
Experiment 9, Fig. 3:



Experiment 10, Fig. 1



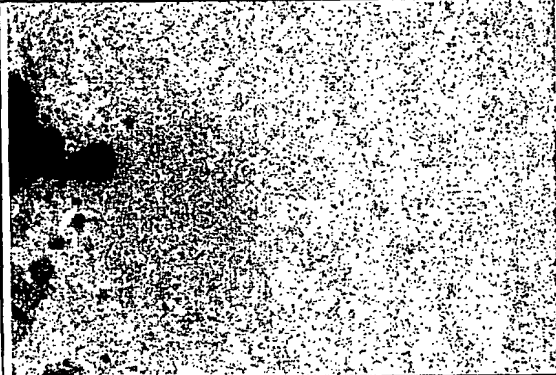
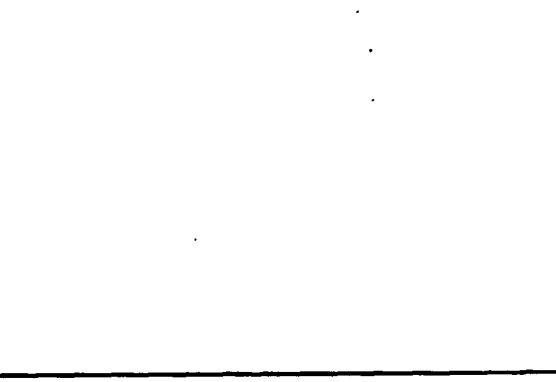


Experiment 11b, Fig. 1:

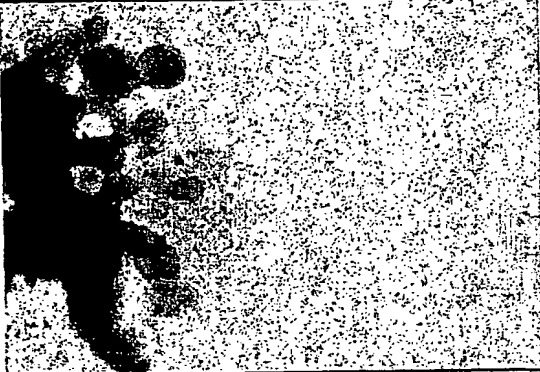


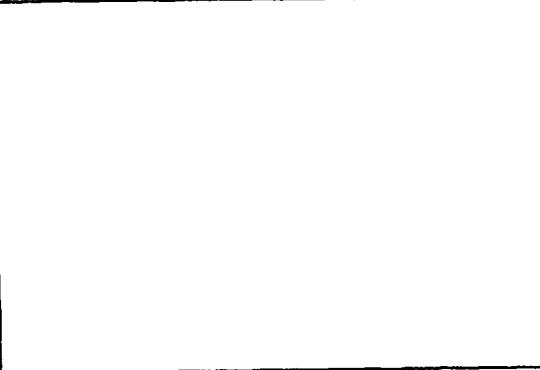

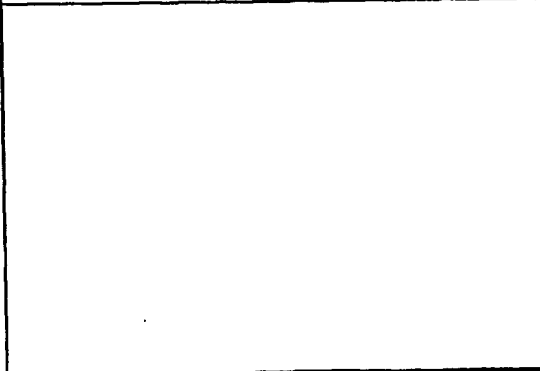


Experiment 12, Fig. 1:

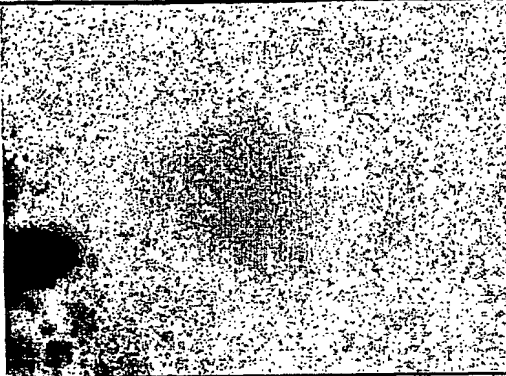

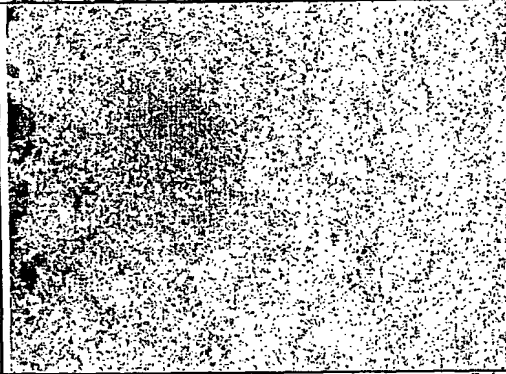
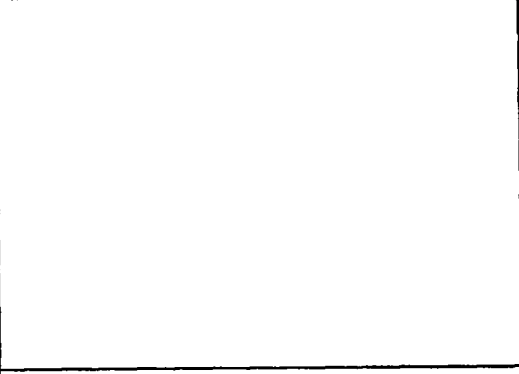
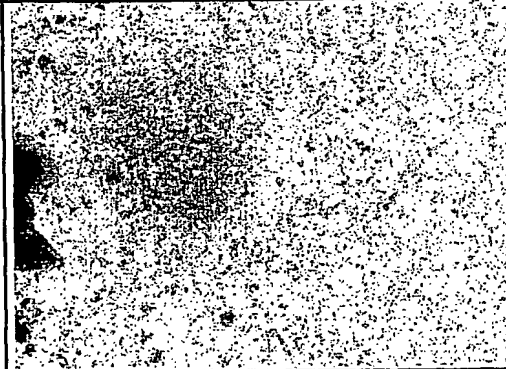
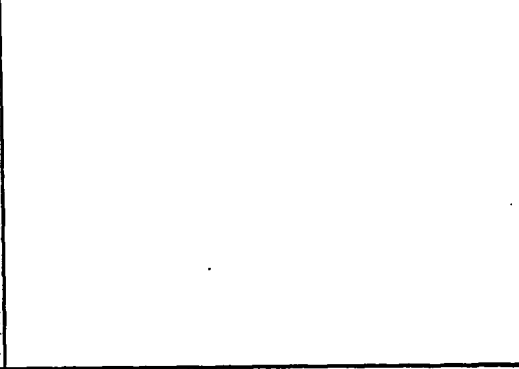
Experiment 13, Fig. 1: After 3 days of growth

| μM | 4-OH-OPB | Control: no 4-OH-OPB |
|---------------|--|---|
| 3 |  |  |
| 1 |  |  |

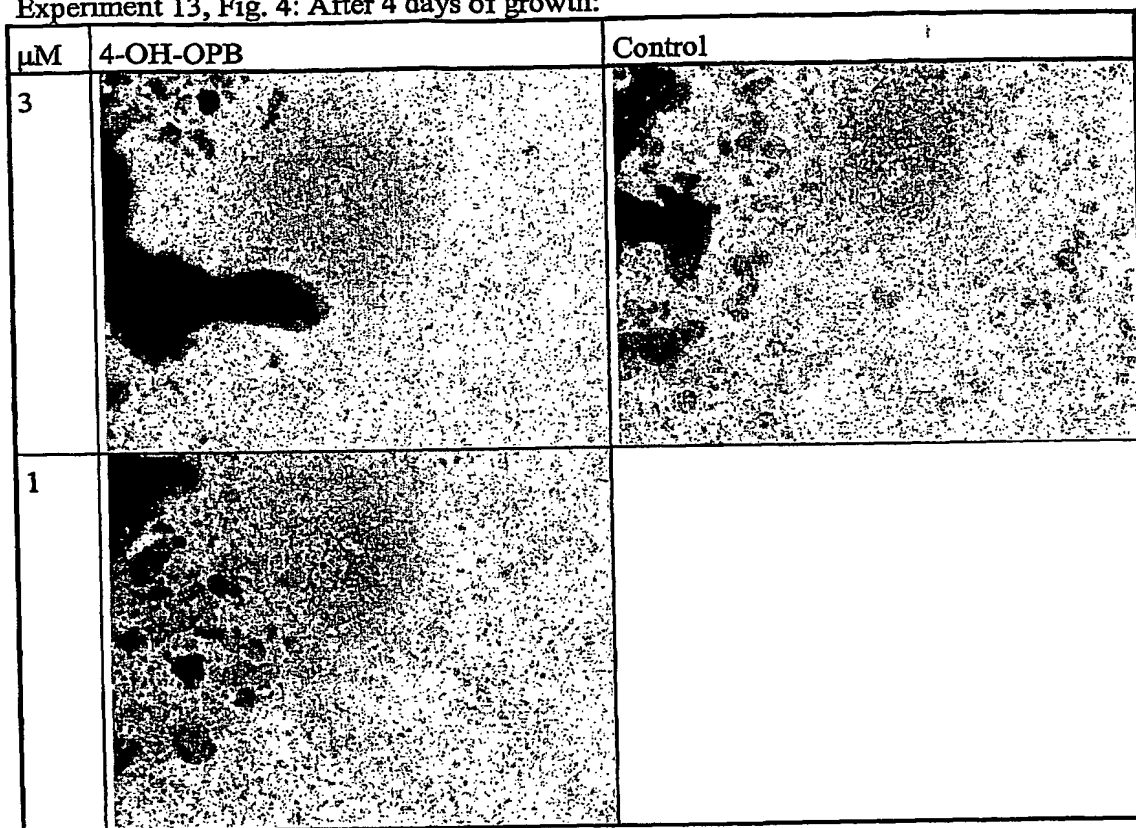
Experiment 13, Fig. 2: After 3 days of growth:

| | Colchicine | Control |
|-----------------------|---|--|
| 0.1 μM |  |  |
| .033 μM |  |  |
| 0.01 μM |  |  |

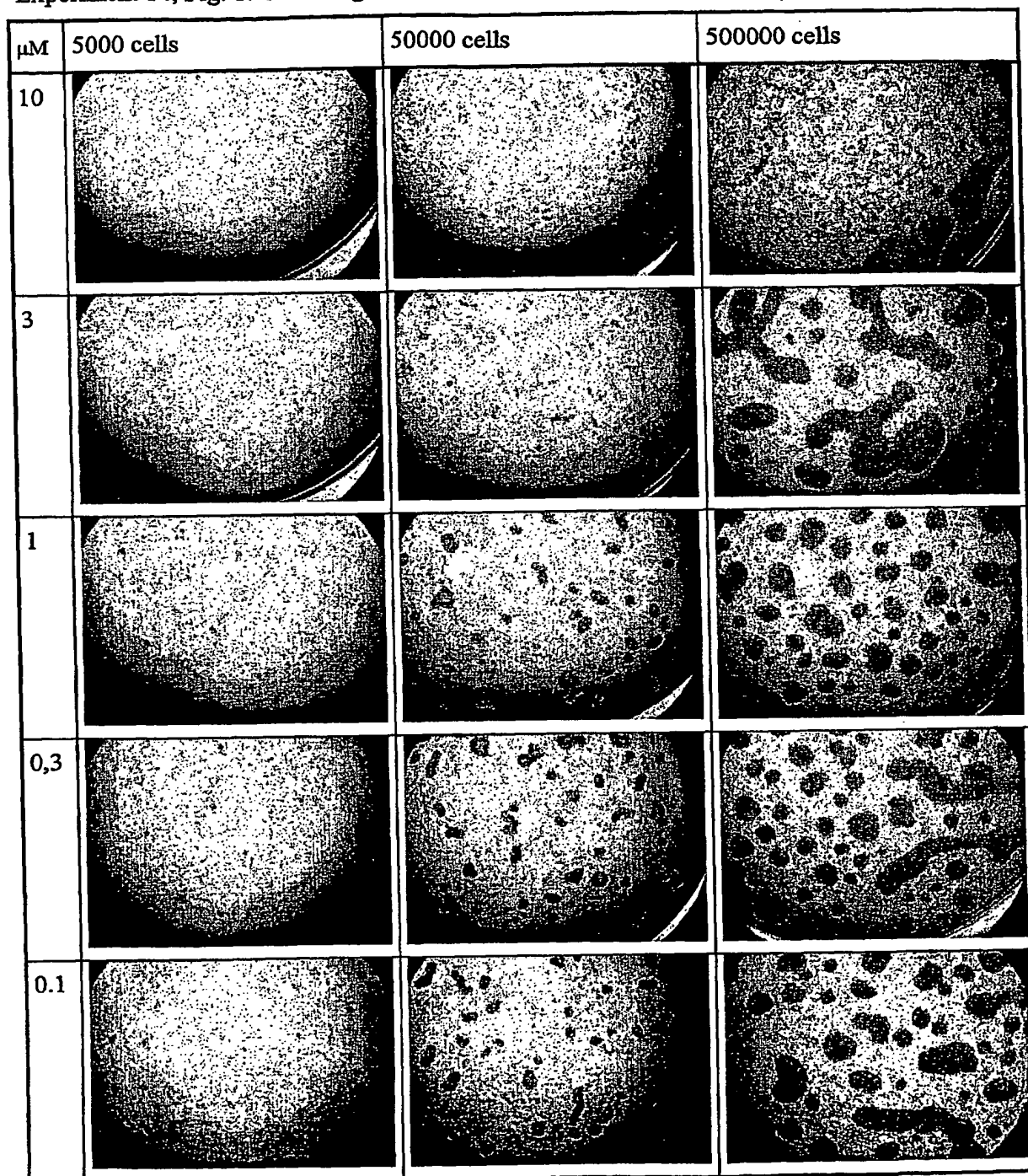
Experiment 13, Fig. 3: After 4 days of growth:

| μM | Colchicine | Control |
|---------------|---|--|
| 0.1 |  |  |
| .033 |  |  |
| 0.01 |  |  |

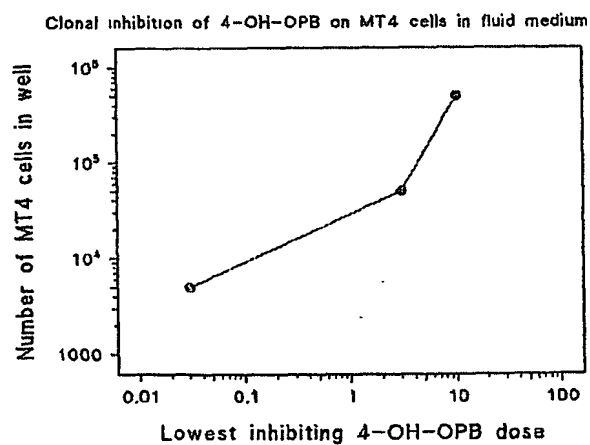
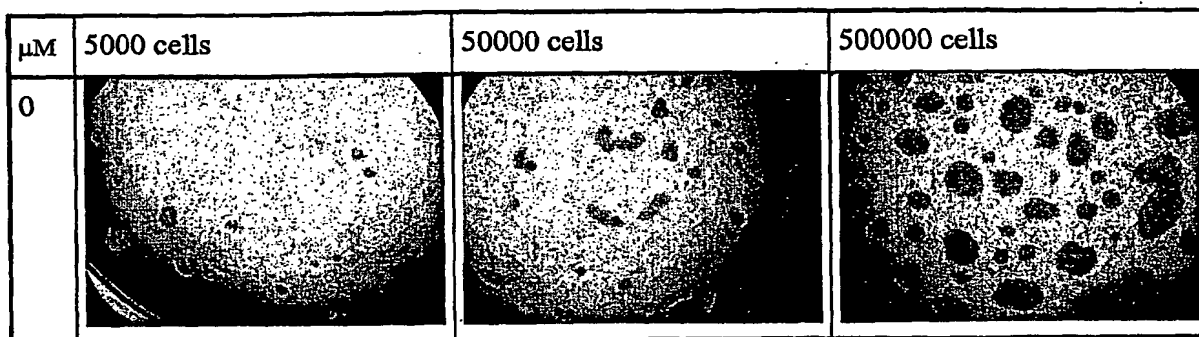
Experiment 13, Fig. 4: After 4 days of growth:



Experiment 14, Fig. 1: Cellular growth the second day:


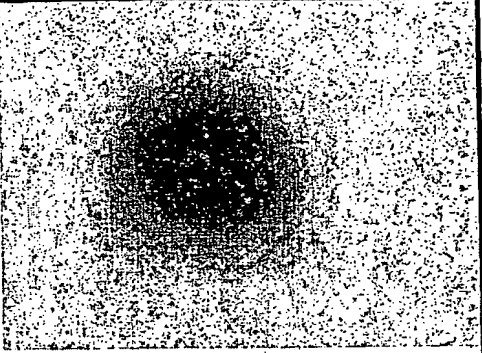
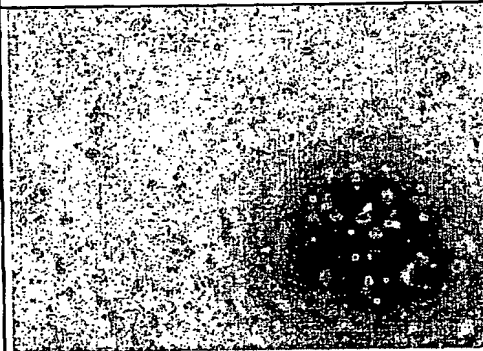
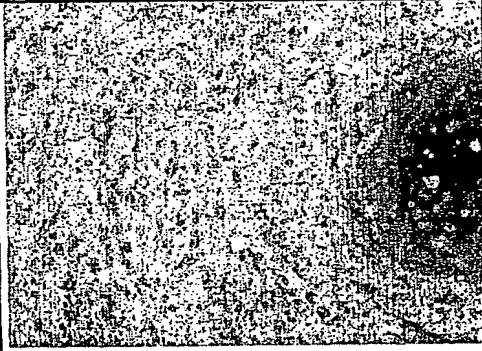






Experiment 14, Fig. 1, continued: Cellular growth the second day:

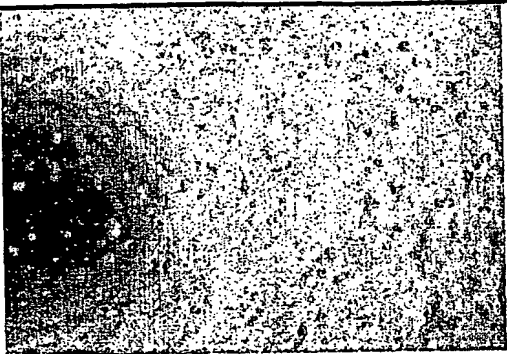




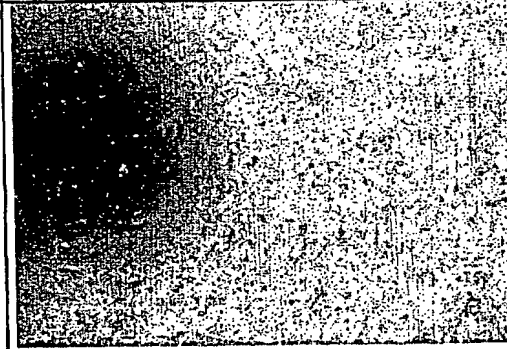

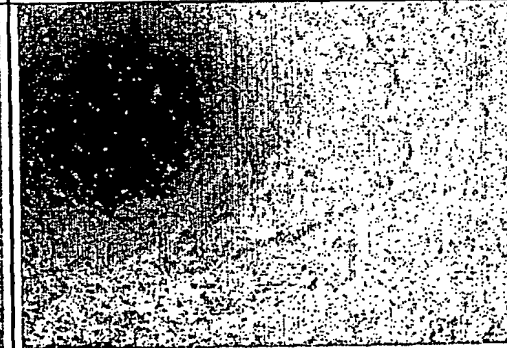


Experiment 14, Fig. 2


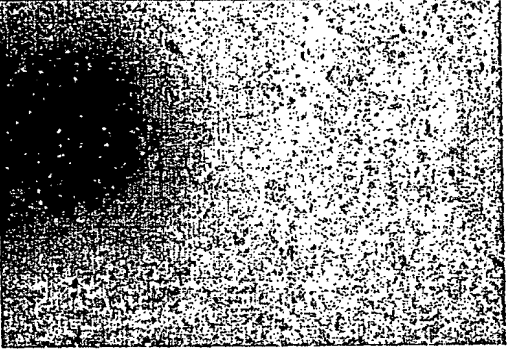
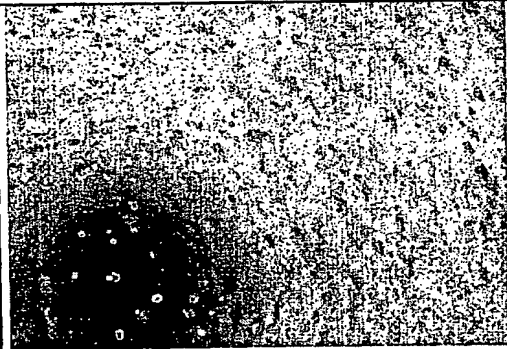
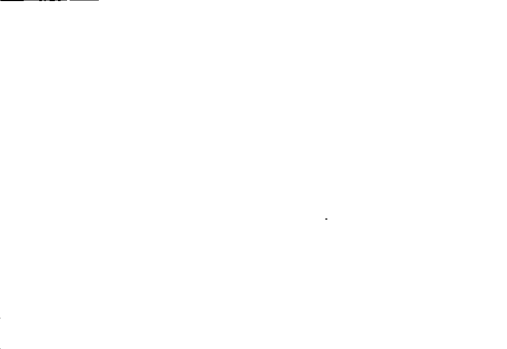
Experiment 15, Fig. 1: Photos on day 5:

| Name number: | Low concentration | High concentration |
|----------------------------|---|--|
| 4-OH- OPB 1 |  |  |
| Colchicin e 2 |  |  |
| Diphenyl hydantoin 3 |  |  |
| Podophyll o-toxin 4 |  |  |







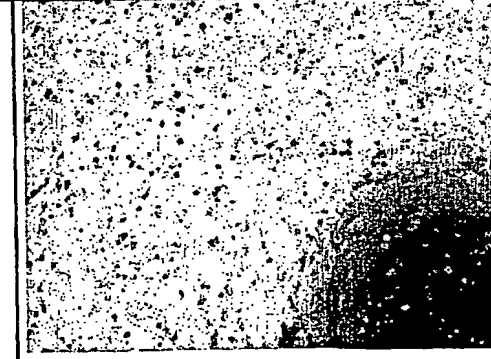

Experiment 15, Fig. 1, continued: Photos on day 5:

| Name, number: | Low concentration | High concentration |
|------------------|---|--|
| Piroxicam 5 |  |  |
| Diclofenak 6 |  |  |
| Ibuprofen 7 |  |  |
| Naproxen 8 |  |  |




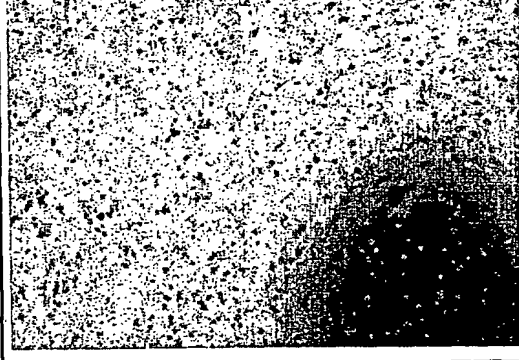
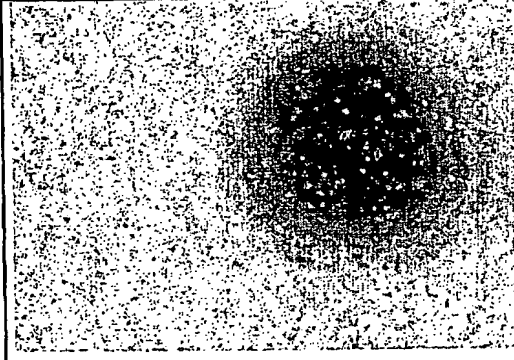
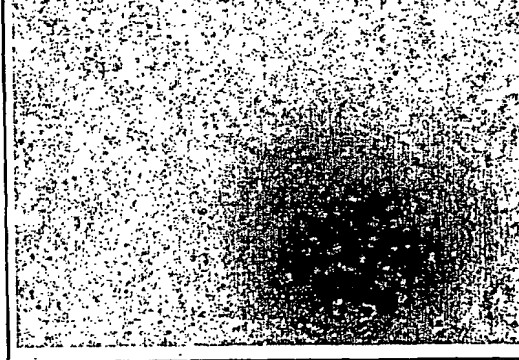
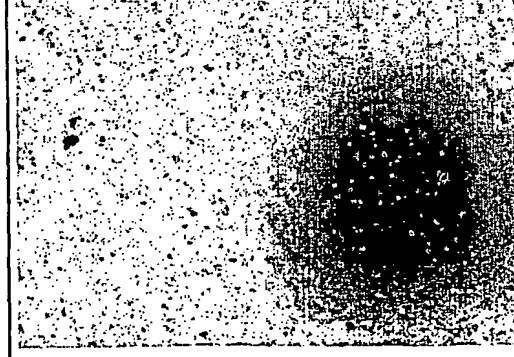

Experiment 15, Fig. 1, continued: Photos on day 5:

| Name, number: | Low concentration | High concentration |
|-------------------------------|--|---|
| Acetylsali cylic acid 9 |  |  |
| Control 10 |  |  |

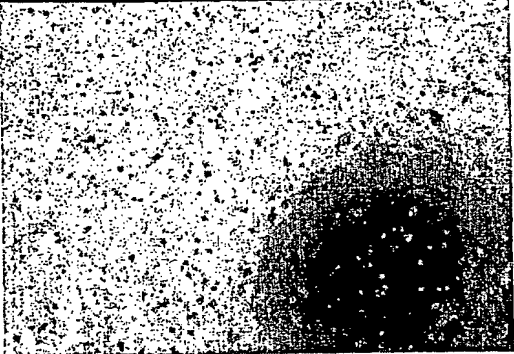
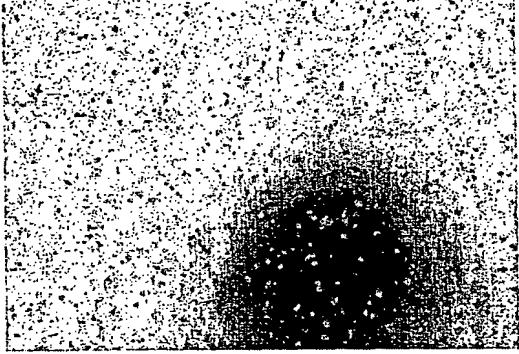
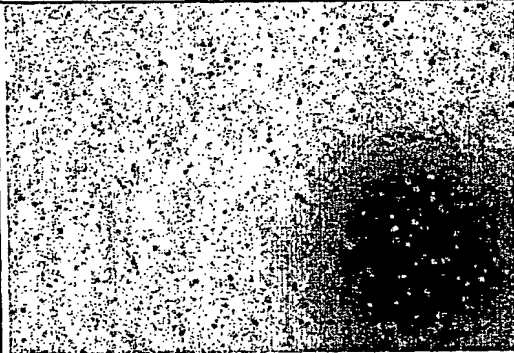
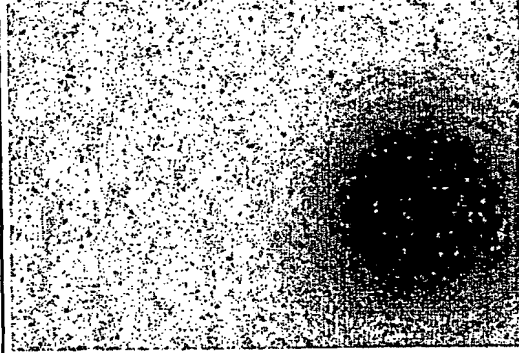
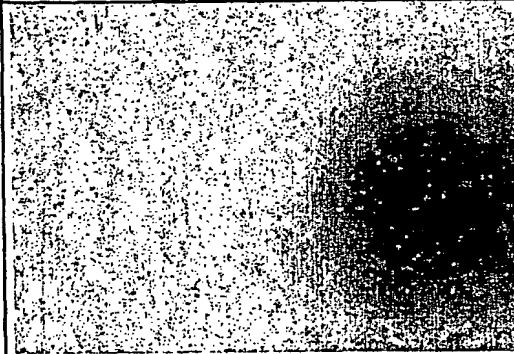
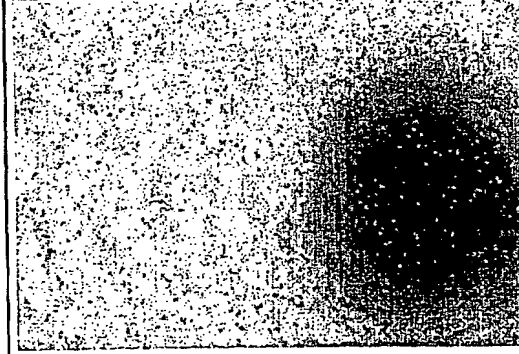
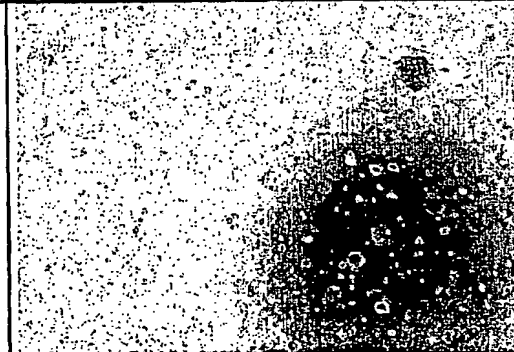
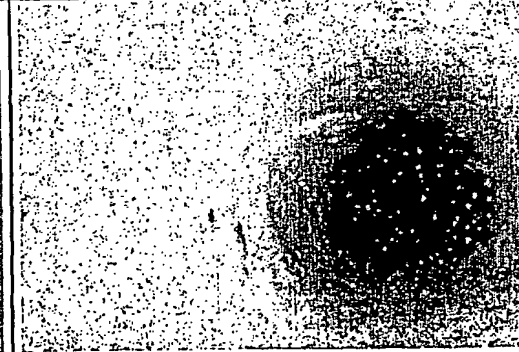
Experiment 16, Fig. 1: Photos on day 14:

| | Low concentration | High concentration |
|---------------|---|--|
| Colchicine, 1 |  |  |
| Colchicine, 2 |  |  |
| Colchicine, 3 |  |  |
| Colchicine, 4 |  |  |

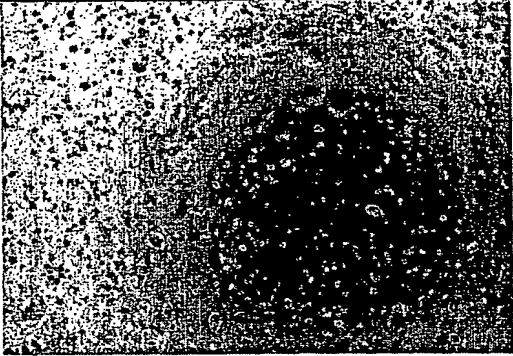
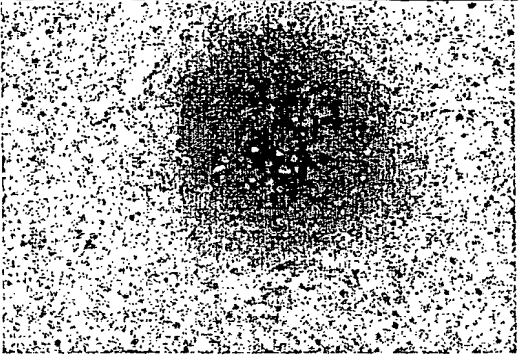
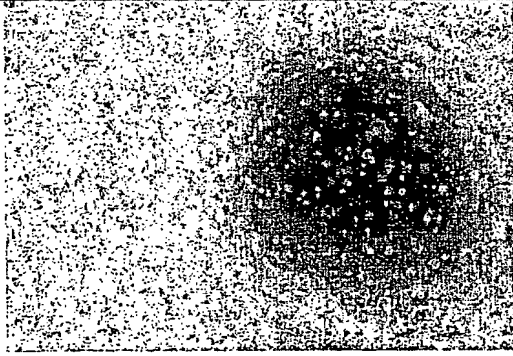
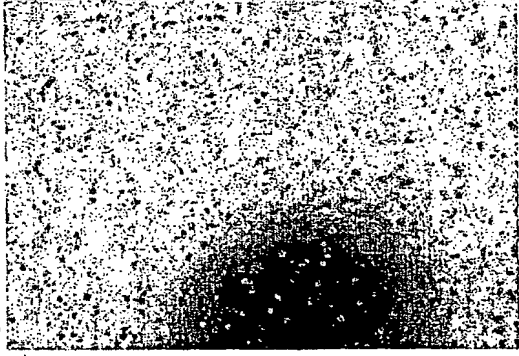
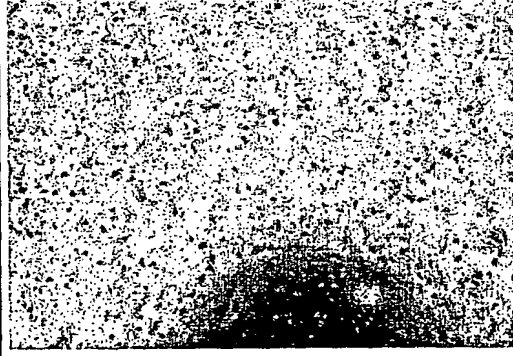
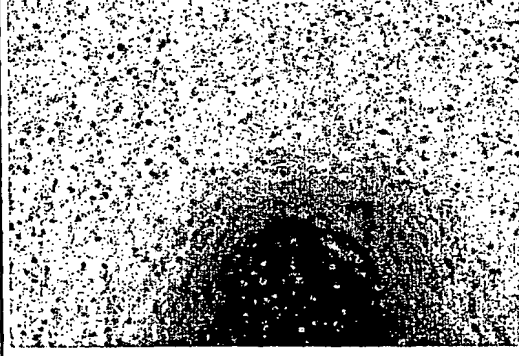
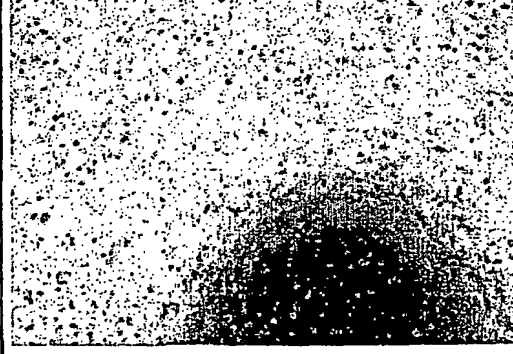
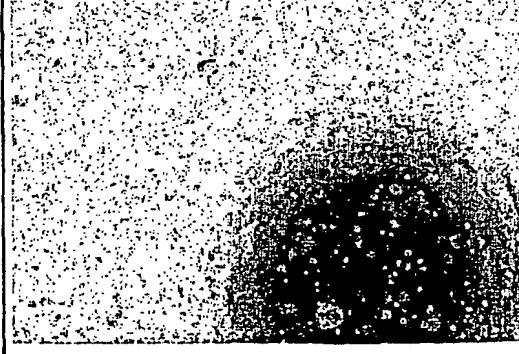
Experiment 16, Fig. 1, continued: Photos on day 14:

| | Low concentration | High concentration |
|-----------------------|---|--|
| Podophyllotoxin, 5 |  |  |
| Podophyllotoxin, 6 |  |  |
| Podophyllotoxin, 7 |  |  |
| Ibuprofen, 8 |  |  |

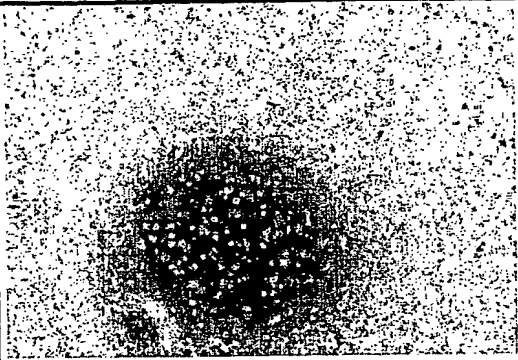
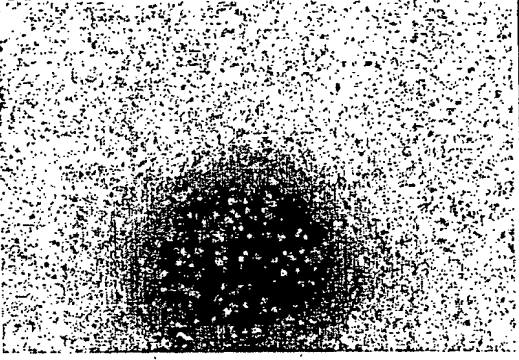
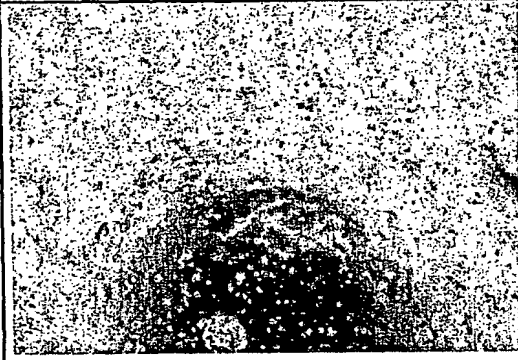
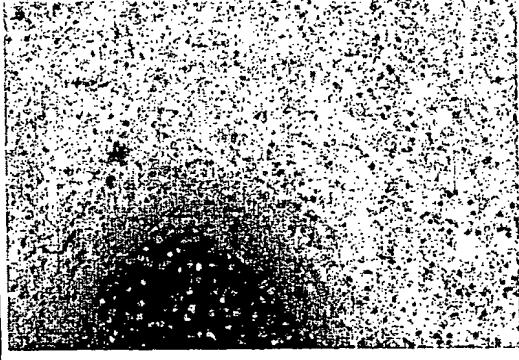
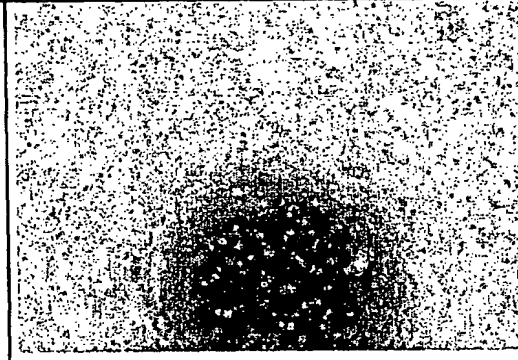
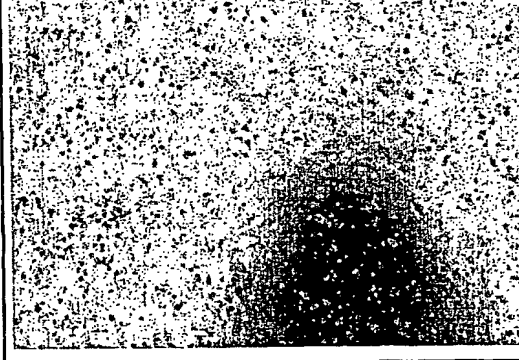
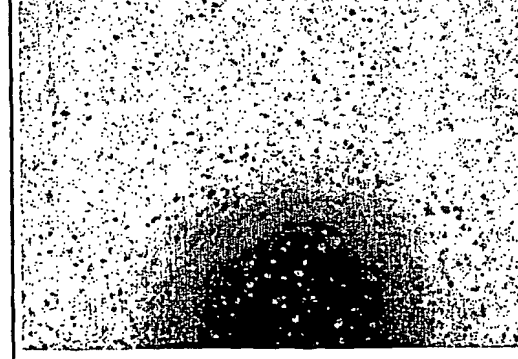
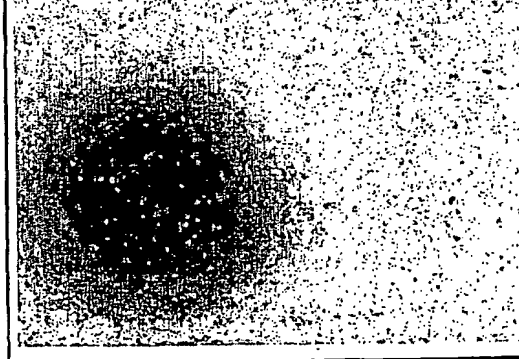
Experiment 16, Fig. 1, continued: Photos on day 14:

| | Low concentration | High concentration |
|--------------------------|---|--|
| Naproxen, 9 |  |  |
| Acetylsalicylic acid, 10 |  |  |
| 4-OH-OPB 11 |  |  |
| Control 12 |  |  |

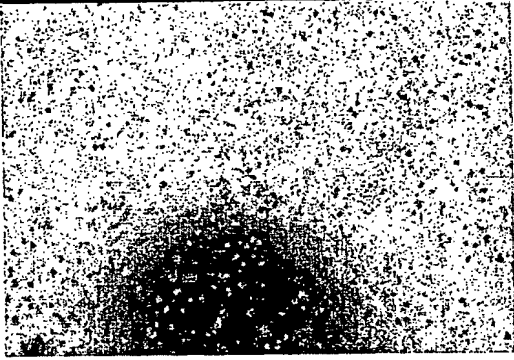
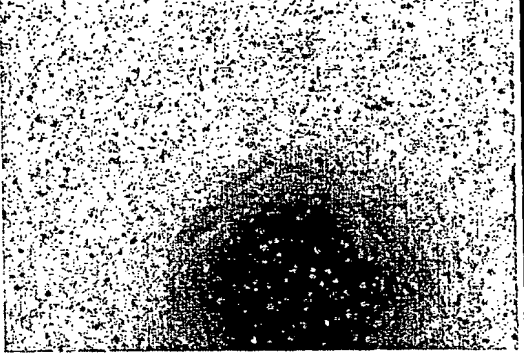
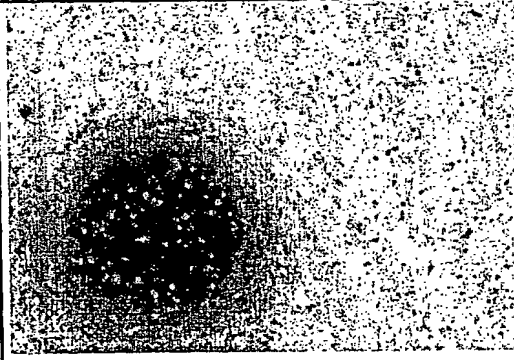
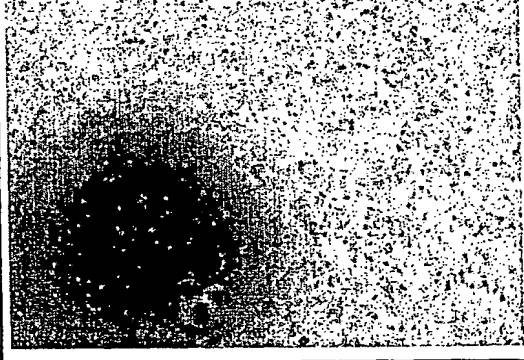
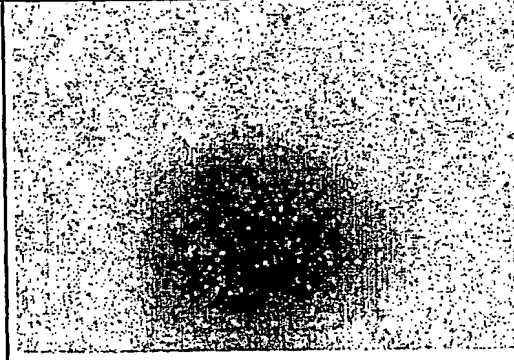
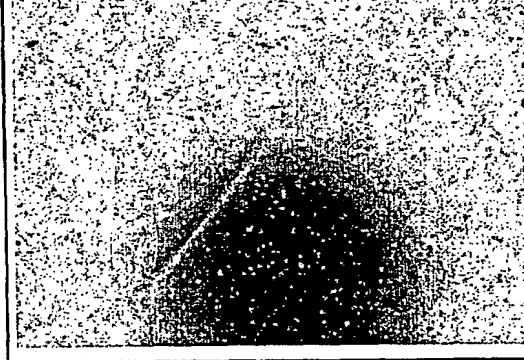
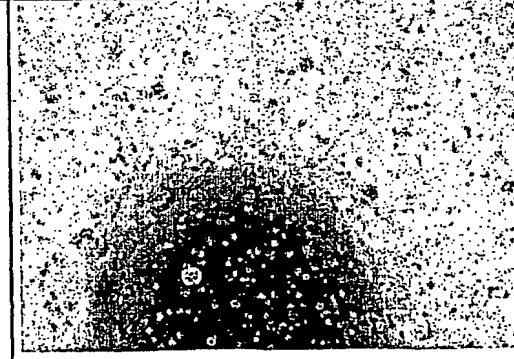
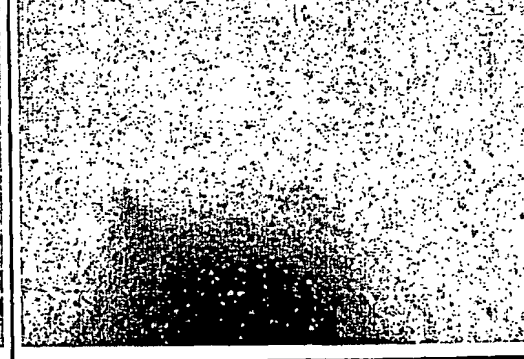
Experiment 16, Fig. 2: Photos on day 21:

| | Low concentration | High concentration |
|---------------|---|--|
| Colchicine, 1 |  |  |
| Colchicine, 2 |  |  |
| Colchicine, 3 |  |  |
| Colchicine, 4 |  |  |

Experiment 16, Fig. 2, continued: Photos on day 21: continued:

| | Low concentration | High concentration |
|-----------------------|---|--|
| Podophyllotoxin, 5 |  |  |
| Podophyllotoxin, 6 |  |  |
| Podophyllotoxin, 7 |  |  |
| Ibuprofen, 8 |  |  |

Experiment 16, Fig. 2, continued: Photos on day 21:

| | Low concentration | High concentration |
|---|---|--|
| Naproxen, 9 |  |  |
| Acetylsalicylic acid, 10 |  |  |
| 4-OH-OPB 11 |  |  |
| Control, picture to the right: day 0, 12 |  |  |

Experiment 17, Fig. 1: Photos on day 14:


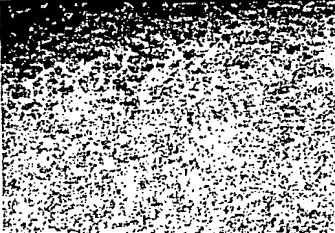
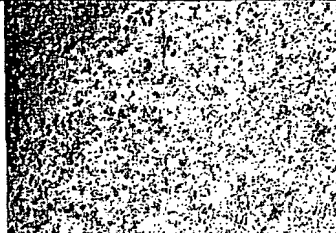


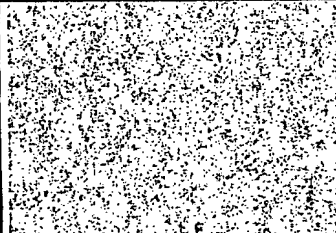

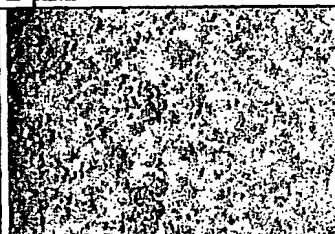
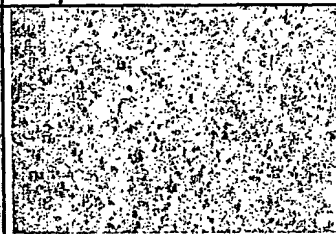
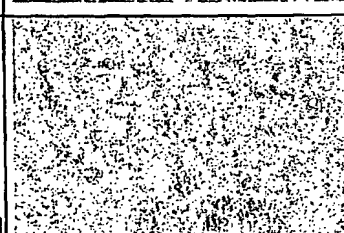

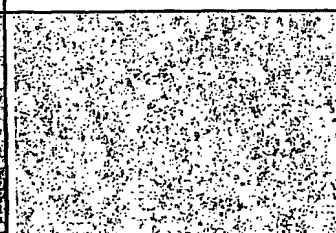
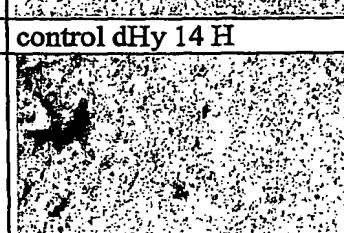
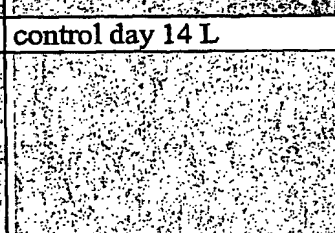
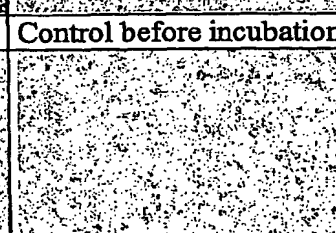
| | 0.1 μ M | 0.3 μ M | 1 μ M |
|------------------|------------------|------------------|---------------------------|
| Colchicine 1a | | | |
| Colchicine 1L | | | |
| dose | 0.67 μ M | 2 μ M | 6.7 μ M |
| 4-OH-OPB 4a | | | |
| 4-OH-OPB 4L | | | |
| | control day 14 a | control day 14 L | Control before incubation |
| Control 6 | | | |

Experiment 17, Fig. 1, continued: Photos on day 14:

| dose | 0.67 μ M | 2 μ M | 6.7 μ M |
|-----------------------|------------------|------------------|---------------------------|
| Podophyllotoxin 2H | | | |
| Podophyllotoxin 2L | | | |
| dose | 20 μ M | 60 μ M | 200 μ M |
| Etoposide 3H | | | |
| Etoposide 3L | | | |
| | control day 14 H | control day 14 L | Control before incubation |
| Control 6 | | | |

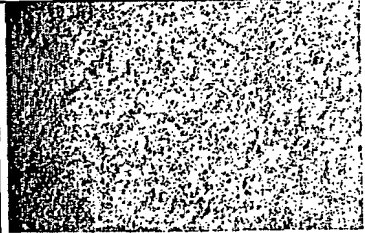
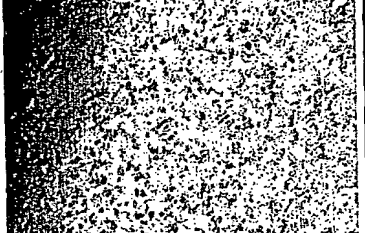





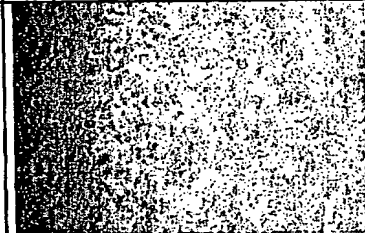







H: Photography from dense area, L: from sparsely seeded area.

Experiment 17, Fig. 2: Photos on day 14, magnified:




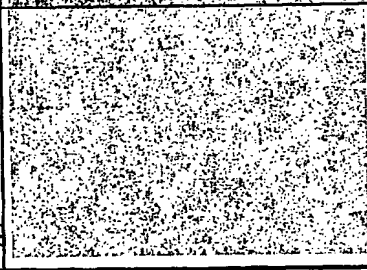
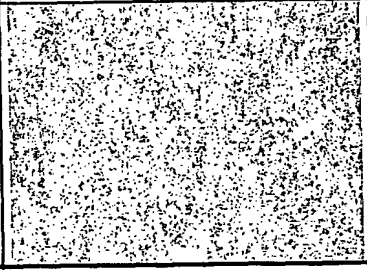

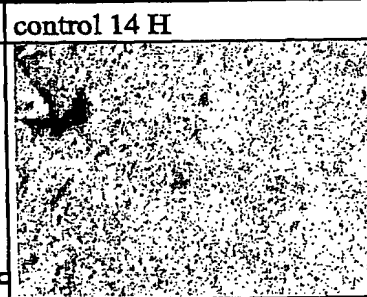
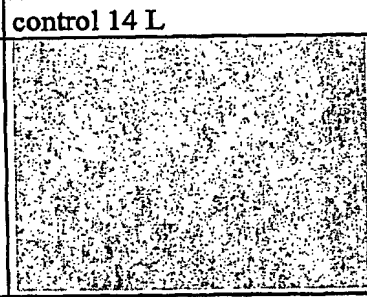
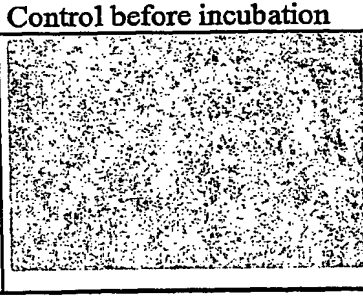
| dose | 0.1 μ M | 0.3 μ M | 1 μ M |
|------------------|---|--|---|
| Colchicine 1H |  |  |  |
| Colchicine 1L |  |  |  |
| dose | 0.67 μ M | 2 μ M | 6.7 μ M |
| 4-OH-OPB 4H |  |  |  |
| 4-OH-OPB 4L |  |  |  |
| | control dHy 14 H | control day 14 L | Control before incubation |
| Control 6 |  |  |  |

H: Photography from dense area, L: from sparsely seeded area.






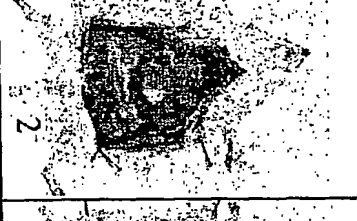


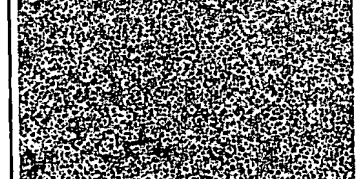
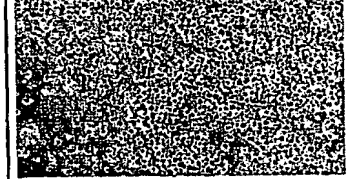
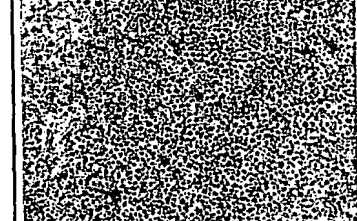

Experiment 17, Fig. 2, continued: Photos on day 14, magnified:

| dose | 0.3 μ M | 0.9 μ M | 3 μ M |
|-----------------------|---|--|---|
| Podophyllotoxin 2H |  |  |  |
| Podophyllotoxin 2L |  |  |  |
| dose | 20 μ M | 60 μ M | 200 μ M |
| Etoposide 3H |  |  |  |
| Etoposide 3L |  |  |  |
| | control day 14 H | control day 14 L | Control before incubation |
| Control 6 |  |  |  |


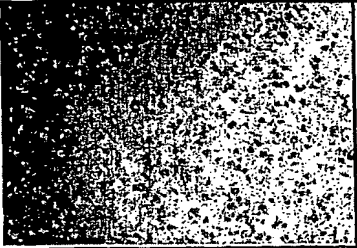
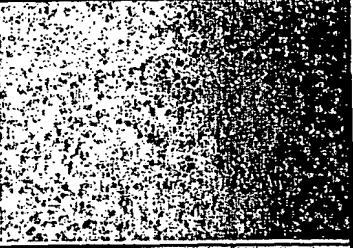

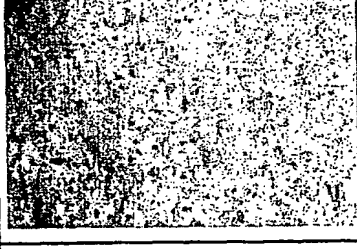




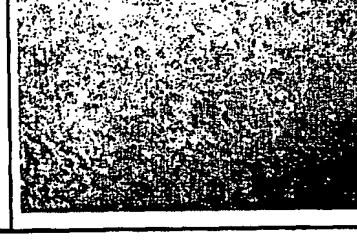


Experiment 17, Fig. 2, continued: Photos on day 14, magnified:

| dose | 0.19% | 1.13% | 4.7% |
|--------------|--|---|--|
| DMSO 5H |  |  |  |
| DMSO 5L |  |  |  |
| | control 14 H | control 14 L | Control before incubation |
| Control 6 |  |  |  |

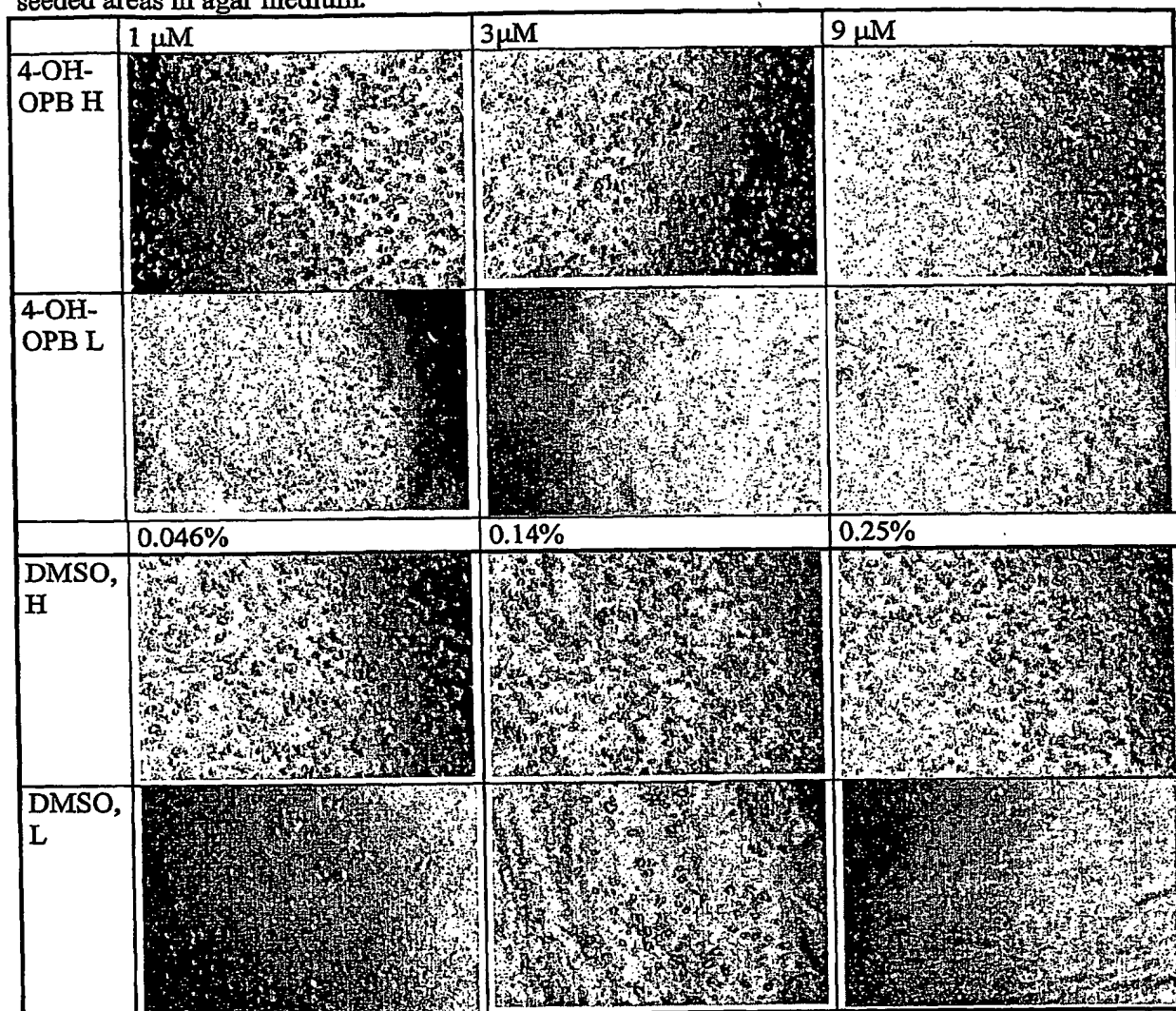
Experiment 18, Fig. 1: Examination post mortem of the experimental animals:

| | | |
|--|--|---|
| Mouse 1 and 2: Lens sized solid tumours in abdominal wall at injection site of Ehrlich ascites into peritoneum. |  |  |
| Mouse 3: Lens sized solid tumours in abdominal wall at injection site of Ehrlich ascites into peritoneum. Mouse 4: 2 x 3 mm tumour at same site. |  |  |
| Mouse 1 and 2: with 0.1 and 1 ml ascites respectively that contained Ehrlich cells. No macroscopic organ involvement. |  |  |
| Mouse 3 and 4: with 1.5 and 4 ml ascites respectively that contained Ehrlich cells. No macroscopic organ involvement. |  |  |
| Microscopic picture of ascites from animal 1 and 2: Typical Ehrlich ascites cells. |  |  |
| Microscopic picture of ascites from animal 3 and 4: Typical Ehrlich ascites cells. |  |  |





Experiment 19, Figure 1: After 48 hour incubation. H: Dense and L sparsely seeded areas in agar medium.

| | 52.1 μ M | 156.3 μ M, DMSO 0.16% | 468.9 μ M, DMSO 0.47% |
|------------------------|---|--|---|
| Myco-phen-olic acid, H |  |  |  |
| Myco-phen-olic acid, L |  |  |  |
| | 59.8 μ M | 179.2 μ M | 537.3 μ M, DMSO 0.27% |
| Cyclo-phosph-amide, H |  |  |  |
| Cyclo-phosph-amide, L |  |  |  |

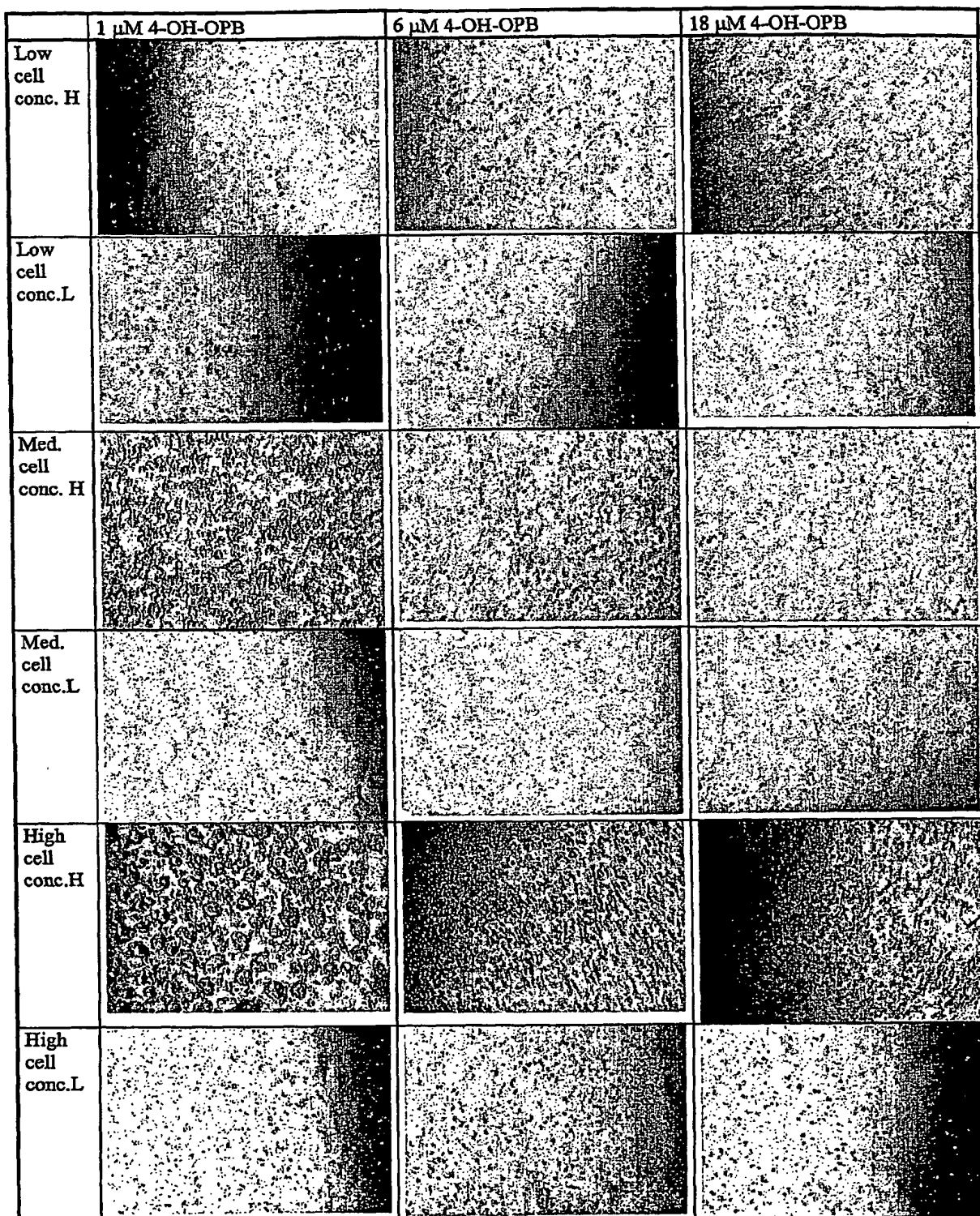
Experiment 19, Figure 1 continued: After 48 hour incubation. H: Dense and L sparsely seeded areas in agar medium.





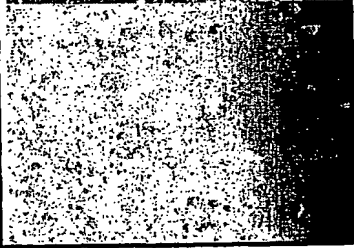
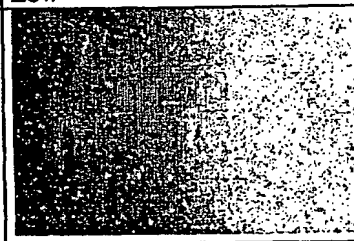
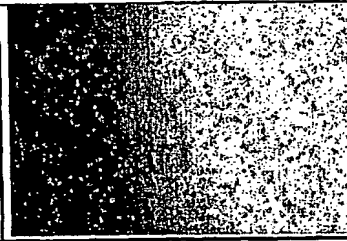

Experiment 19, Figure 1 continued: After 48 hour incubation. H: Dense and L sparsely seeded areas in agar medium.

| | Control after 48 hours | Control before incubation | |
|--------------|---|--|--|
| Control H |  |  | |
| Control L |  |  | |

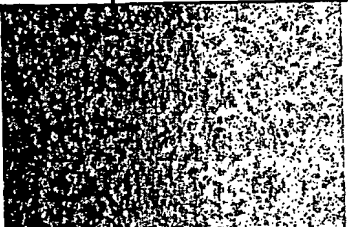
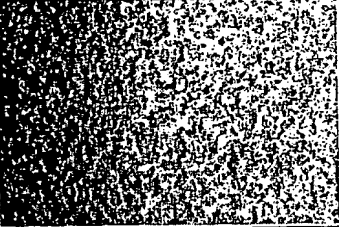
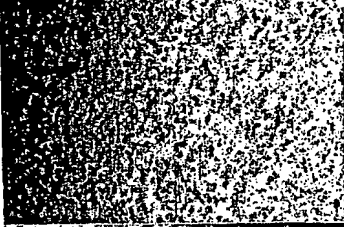
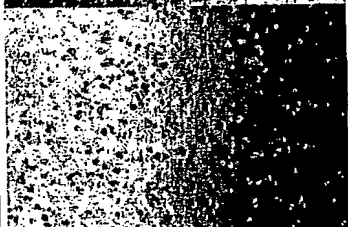
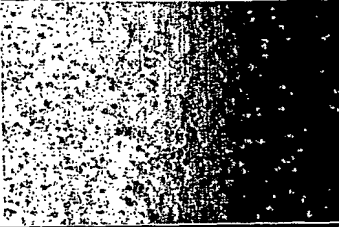
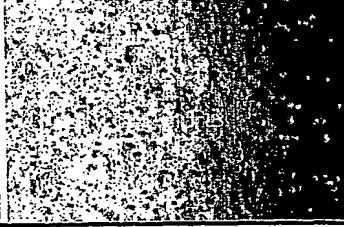
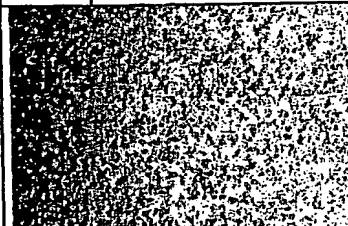
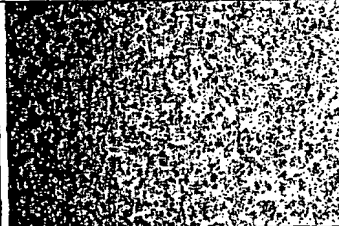

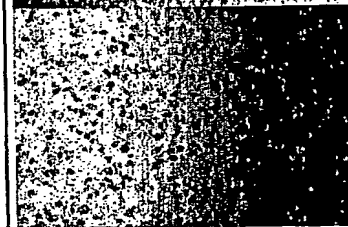
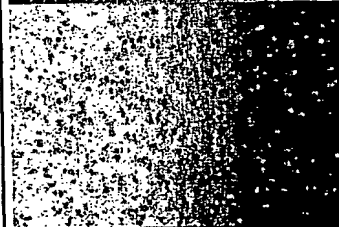
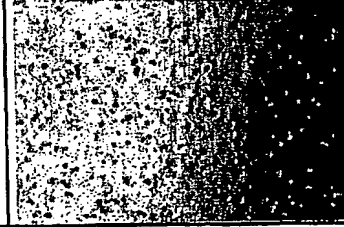
Experiment 20, Figure 1: H dense and L sparsely seeded areas of agar medium. Photos after 48 hours incubation:



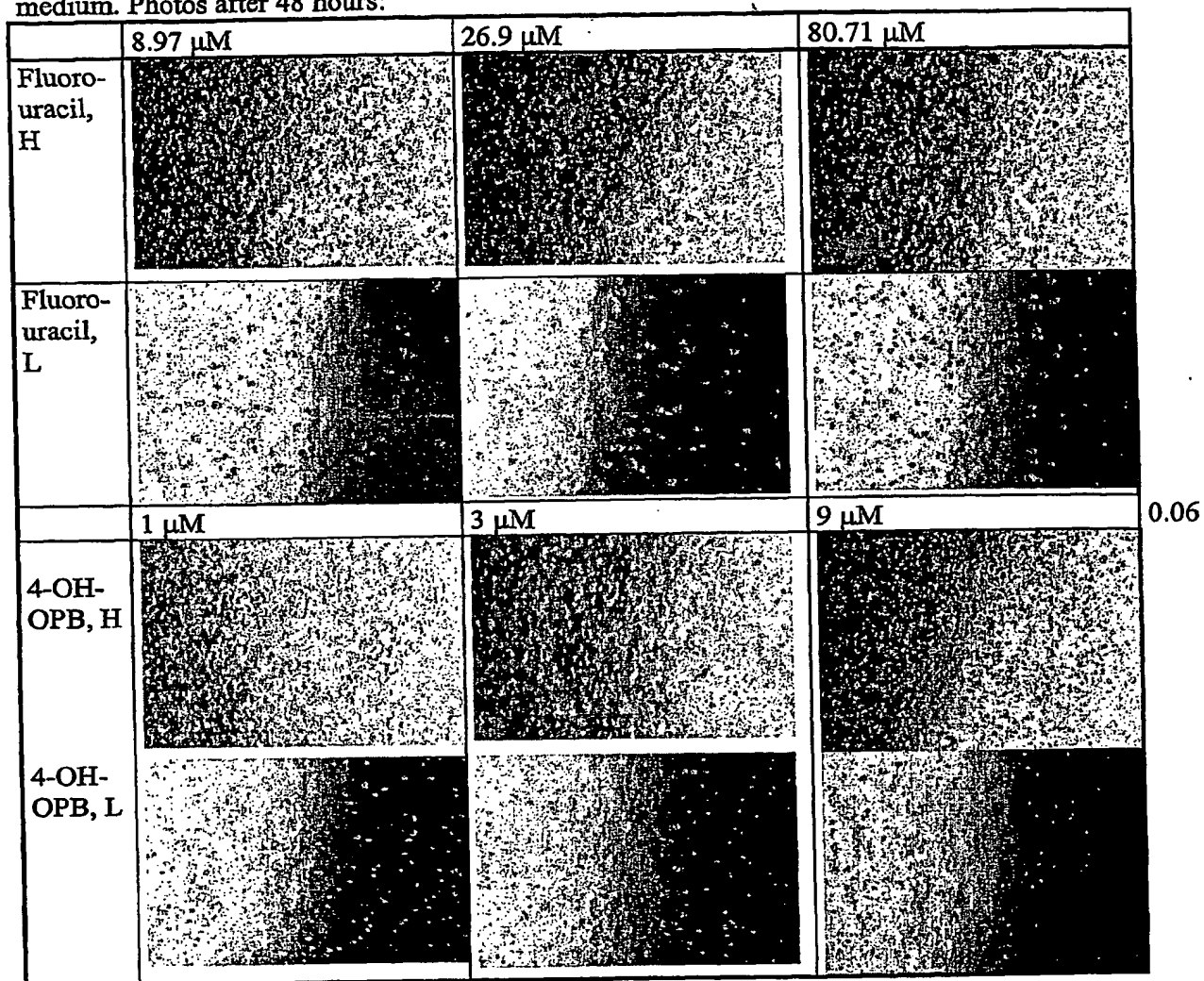
Experiment 20, Fig. 1 continued: Photos after 48 hours incubation, continued:

| Contr. | After 48 hours | Day 0 | |
|-----------------------------------|--|---|--|
| Contr. med. cell conc. H |  |  | |
| Contr. med. cell conc. L |  | | |
| Cells: | Low | Medium | High |
| Day 0 |  |  |  |


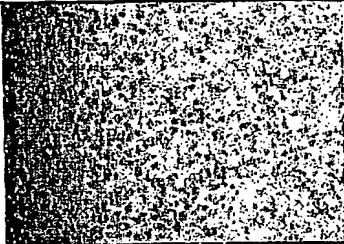
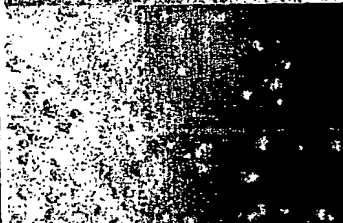
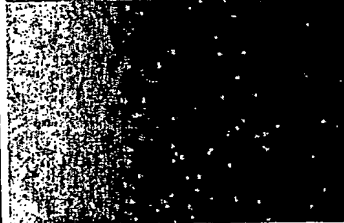
Experiment 21, Figure 1: H: dense and L sparsely seeded areas of agar medium. Photos after 48 hours:

| | 0.00664 μ M | 0.0199 μ M | 0.06 μ M |
|----------------------------|---|--|---|
| Actino mycin D, H |  |  |  |
| Actino mycin D, L |  |  |  |
| | 12.34 μ M | 37 μ M | 111 μ M |
| Cytara- bin, H |  |  |  |
| Cytara- bin, L |  |  |  |

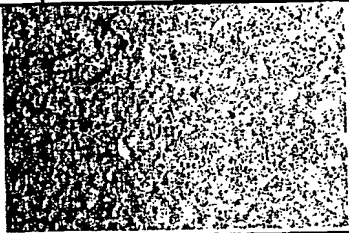
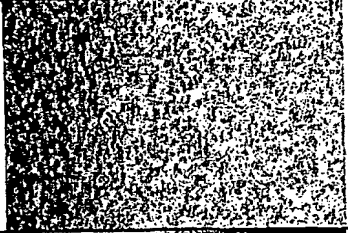
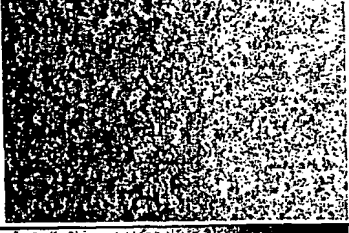
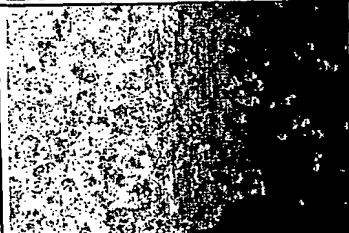


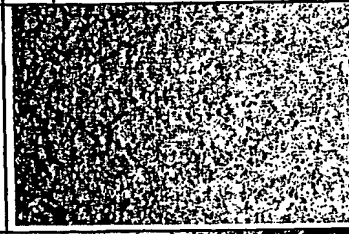


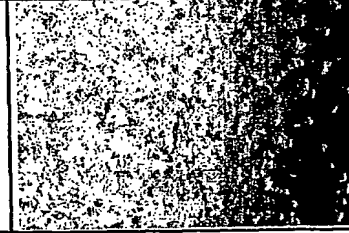

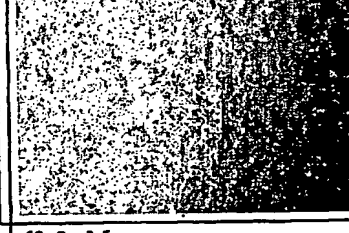
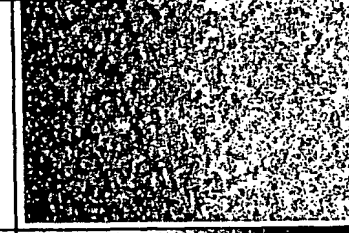

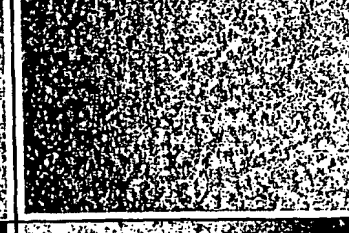



Experiment 21, Figure 1, continued: H densely and L sparsely seeded areas of agar medium. Photos after 48 hours:



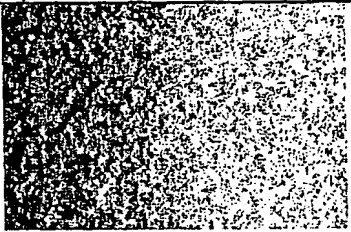
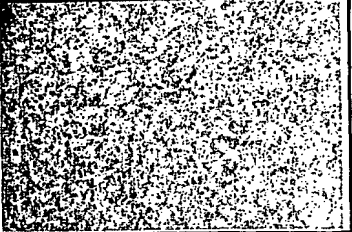

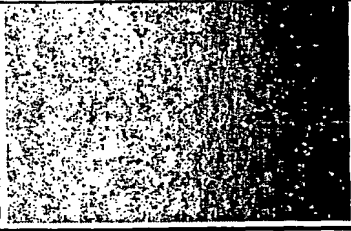
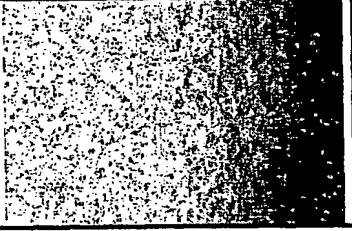

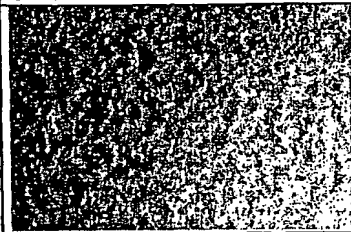
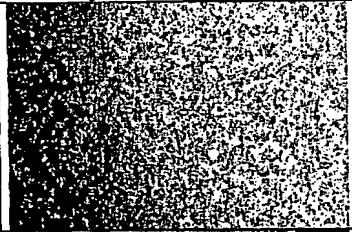
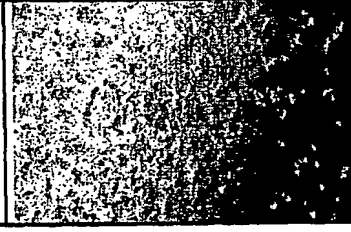

Experiment 21, Figure 1, continued: H densely and L sparsely seeded areas of agar medium. Photos after 48 hours:

| | Control after 48 h | Control before incubation | |
|------------|---|--|--|
| Control, H |  |  | |
| Control, L |  |  | |

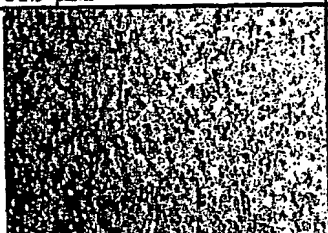
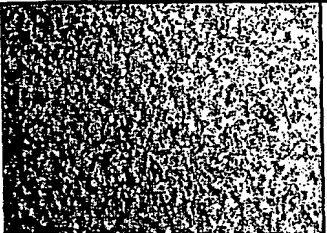
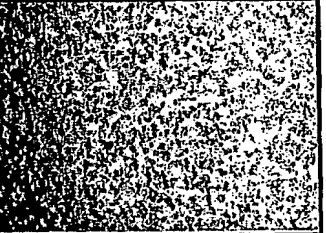
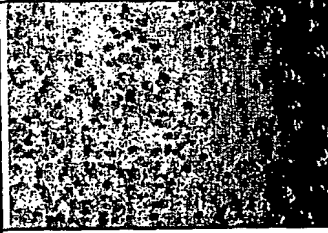


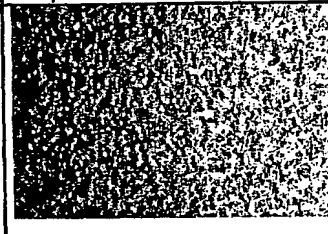
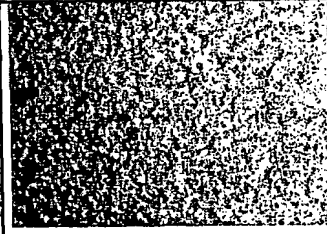
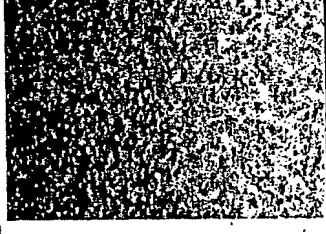
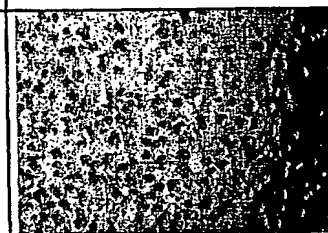
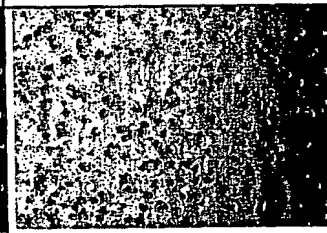
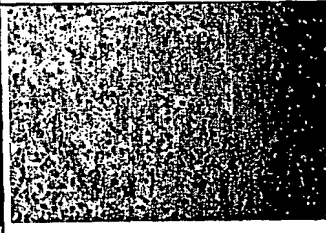
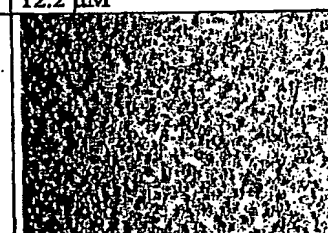
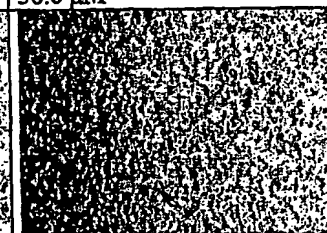
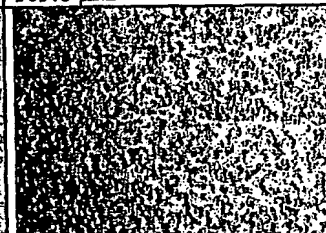
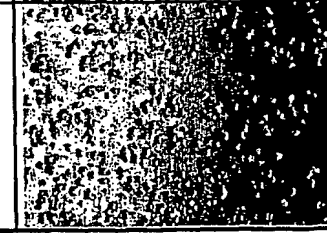
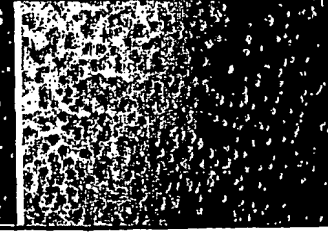

Experiment 22, Fig. 1: Photos after 48 hours. H: Area with high cell density, L: Area with low cell density

| | 7.6 μ M | 23 μ M | 68.9 μ M |
|-------|---|--|---|
| #4, H |  |  |  |
| #4, L |  |  |  |
| | 5.5 μ M | 16.6 μ M | 49.7 μ M |
| #6, H |  |  |  |
| #6, L |  |  |  |
| | 7.1 μ M | 21.2 μ M | 63.5 μ M |
| #7, H |  |  |  |
| #7, L |  |  |  |

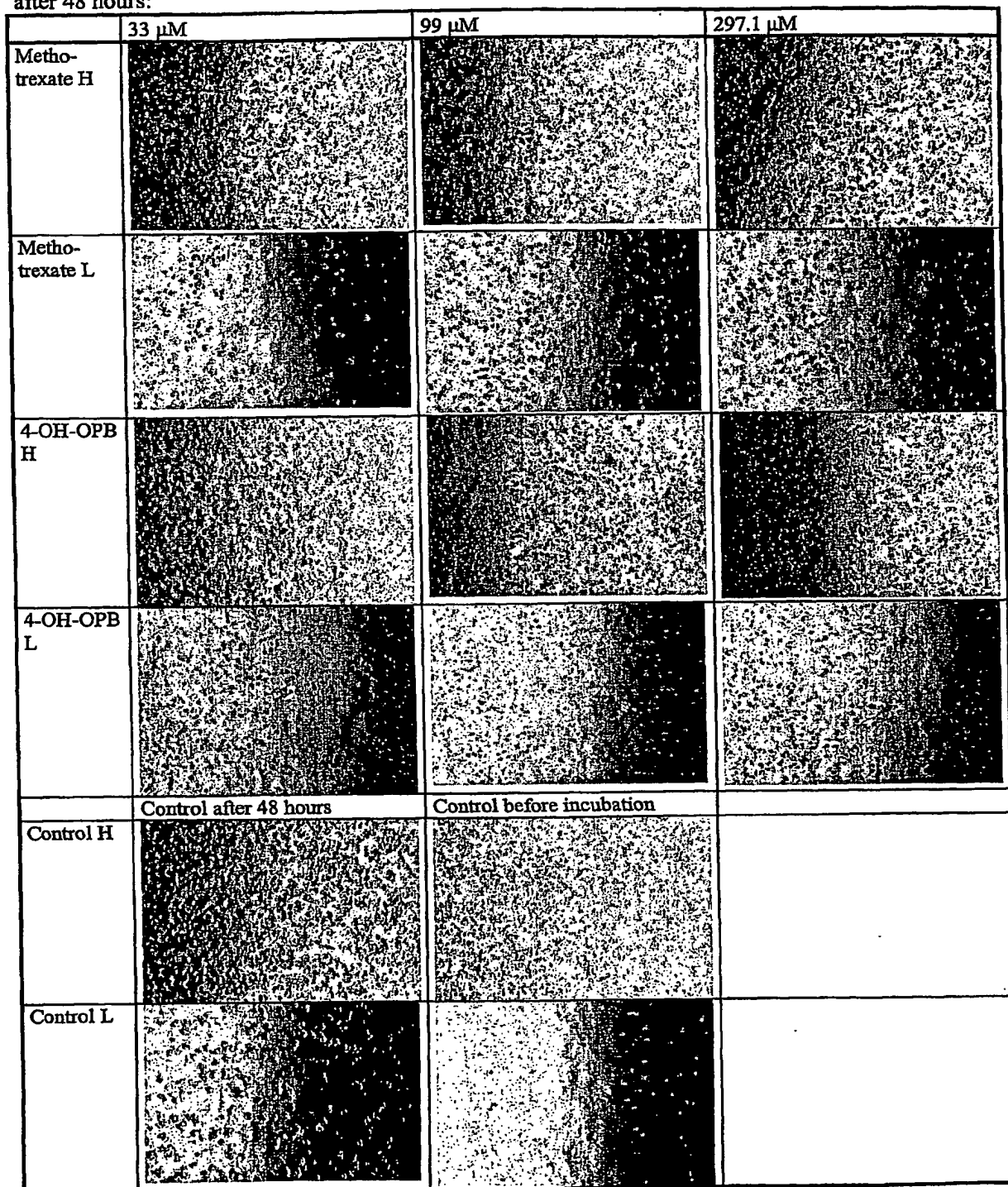
Experiment 22, Fig. 1, continued: Photos after 48 hours continued. H: Area with high cell density, L: Area with low cell density

| | 1 μ M | 3 μ M | 9 μ M |
|-------------|---|--|---|
| 4-OH-OPB, H |  |  |  |
| 4-OH-OPB, L |  |  |  |
| | Control after 48 hours | Control just after seeding | |
| Contr. H |  |  | |
| Contr. L |  |  | |

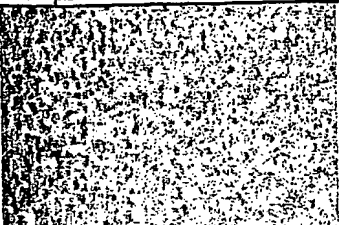
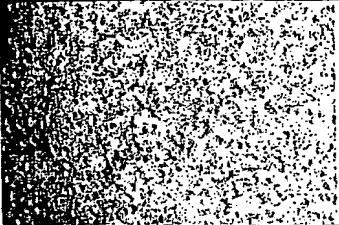
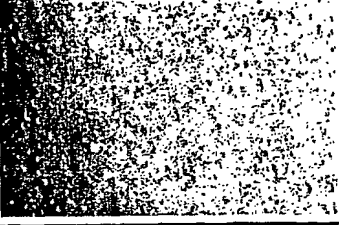
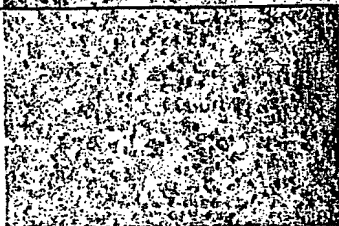

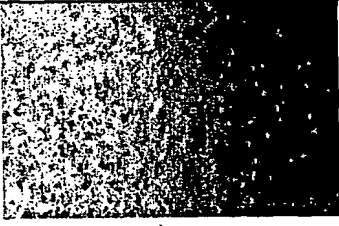
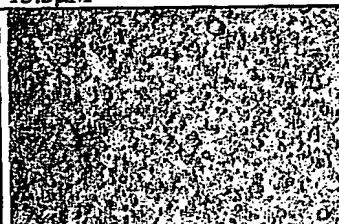
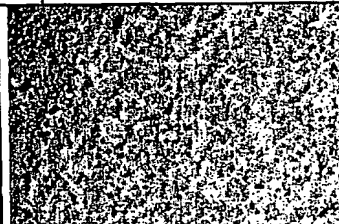
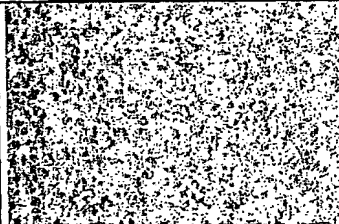


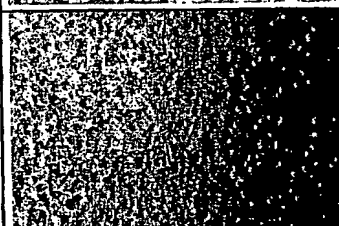
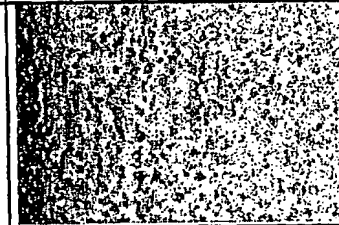
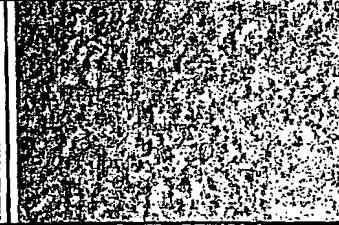
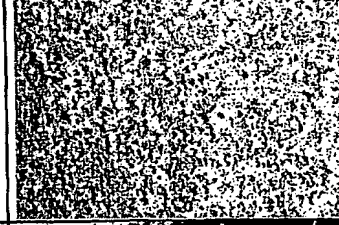
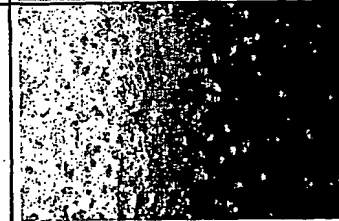
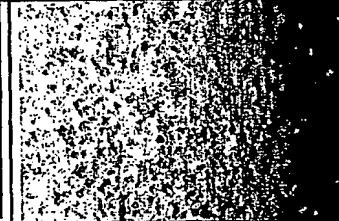

Experiment 23, Figure 1: H: Densely and L sparsely seeded areas of agar cultures. Photos after 48 hours:

| | 11.9 μ M | 35.7 μ M | 107.1 μ M |
|---|---|--|---|
| #1: p-hydroxy-azo-benzene H |  |  |  |
| #1: p-hydroxy-azo-benzene L |  |  |  |
| | 7.3 μ M | 21.9 μ M | 66.8 μ M |
| #2: 2-Butyl-2-hydr-oxy-N-(4-hydroxy-phenyl)-N'-phenyl malon-amide H |  |  |  |
| #2: 2-Butyl-2-hydr-oxy-N-(4-hydroxy-phenyl)-N'-phenyl malon-amide L |  |  |  |
| | 12.2 μ M | 36.6 μ M | 109.8 μ M |
| #3: 2-oxo-hexanoic acid phenyl amide H |  |  |  |
| #3: 2-oxo-hexanoic acid phenyl amide L |  |  |  |

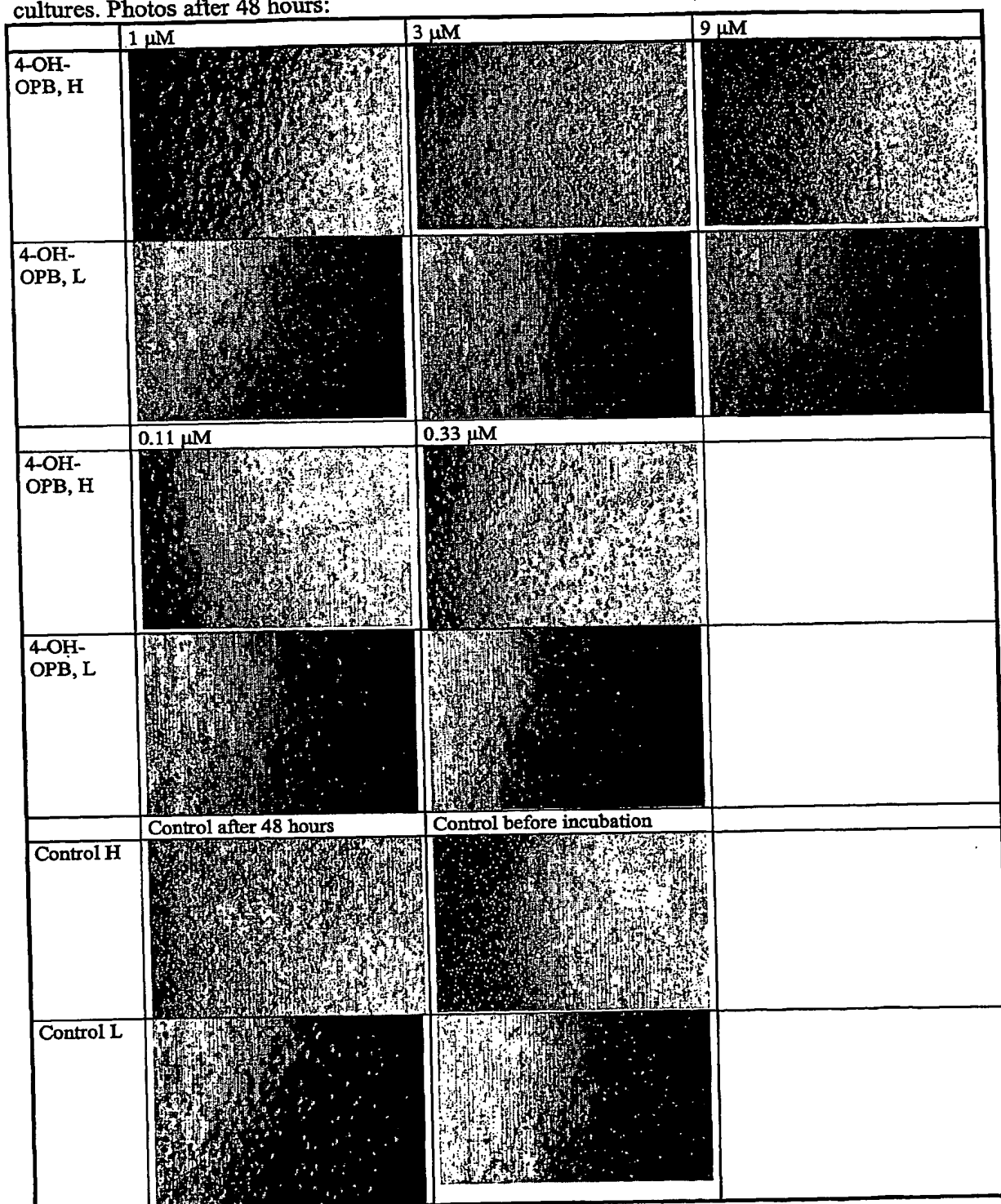
Experiment 23, Figure 1 continued: H: Densely and L: sparsely seeded areas of agar cultures. Photos after 48 hours:



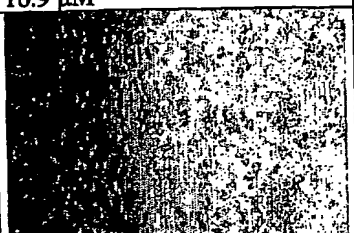
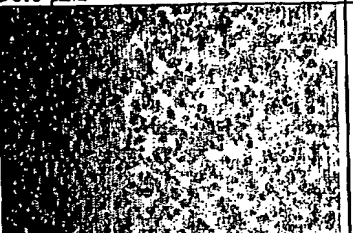

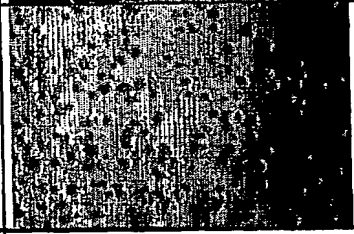
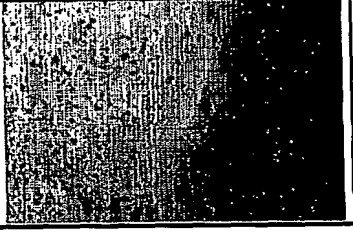

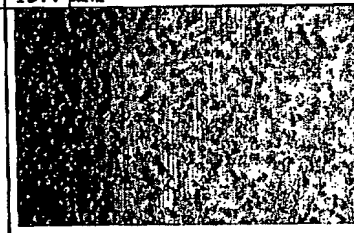
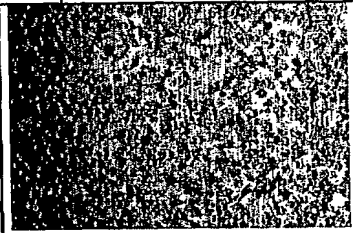
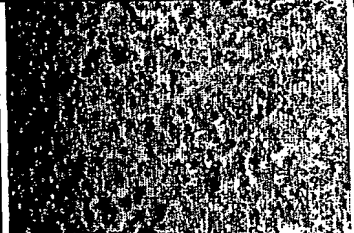
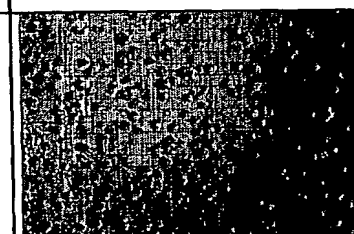
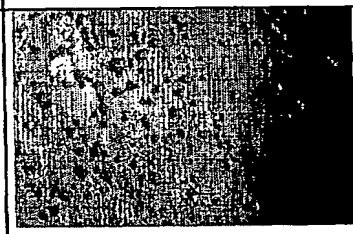
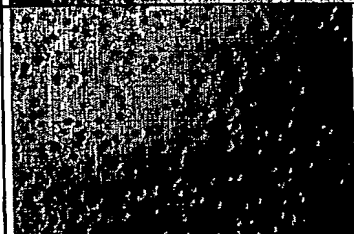

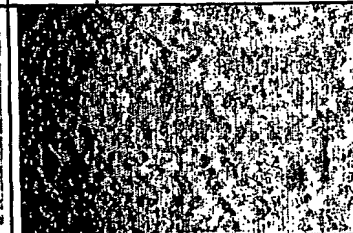
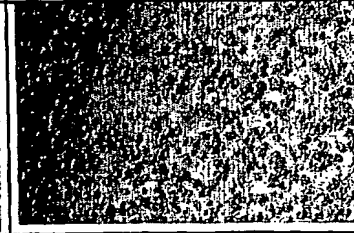
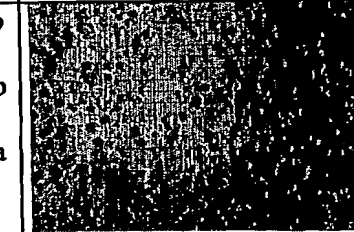
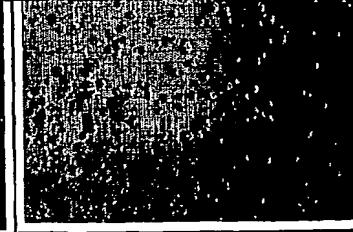
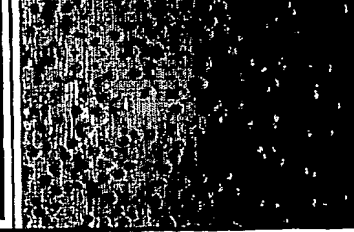
Experiment 24, Figure 1. H: Densely and L sparsely seeded areas of agar cultures: Photos after 48 hours:

| | 14.1 μ M | 42 μ M | 127 μ M |
|----------------------------|---|--|---|
| #5: 4-OH- PBOMe H |  |  |  |
| #5: 4-OH- PBOMe L |  |  |  |
| | 13.3 μ M | 40 μ M | 119.9 μ M |
| #8, H |  |  |  |
| #8, L |  |  |  |
| | 12.8 μ M | 38.4 μ M | 115.3 μ M |
| #9, H |  |  |  |
| #9, L |  |  |  |

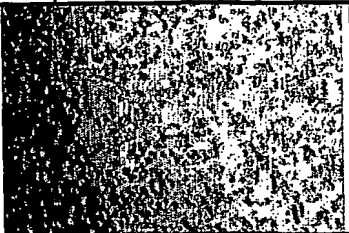
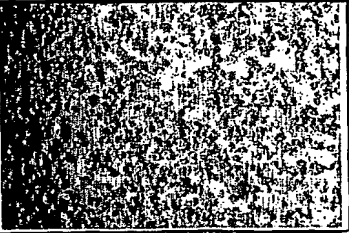
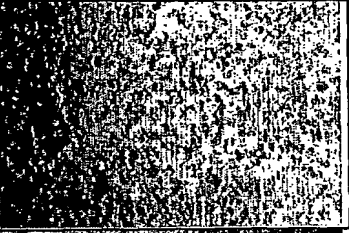

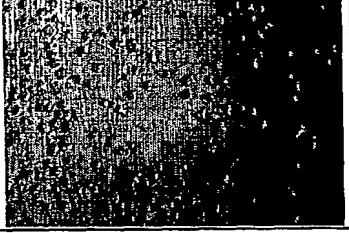
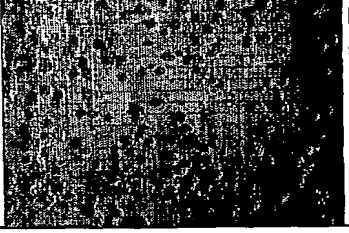
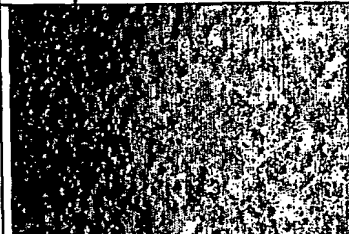
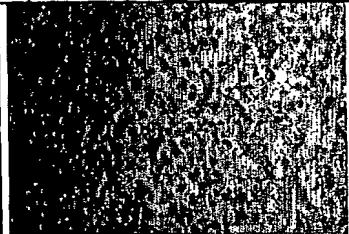
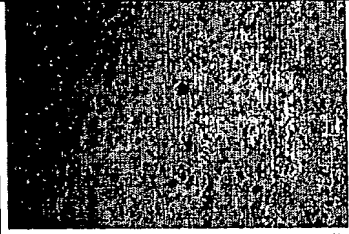
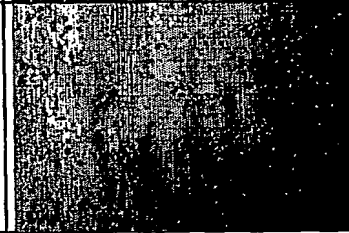
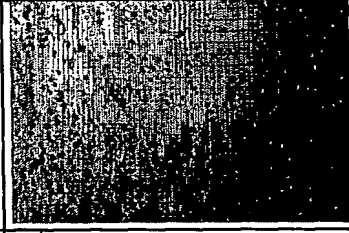
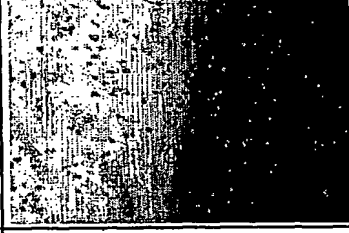
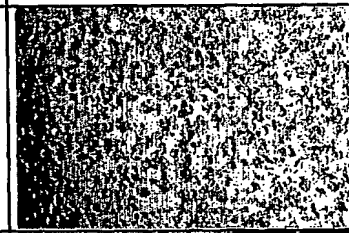
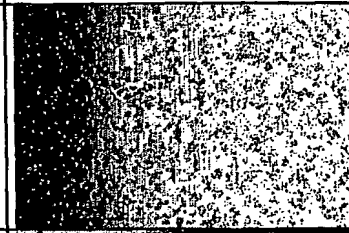
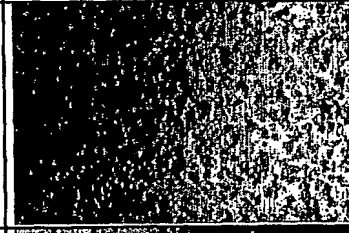
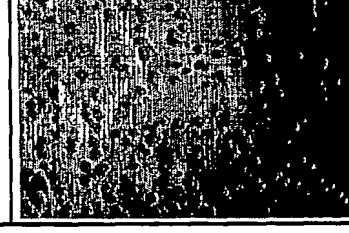
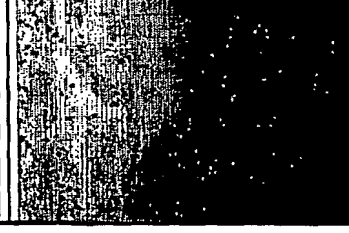
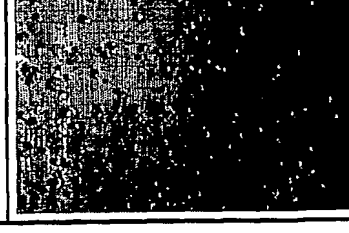
Experiment 24, Figure 1 continued: H: densely and L sparsely seeded areas of agar cultures. Photos after 48 hours:



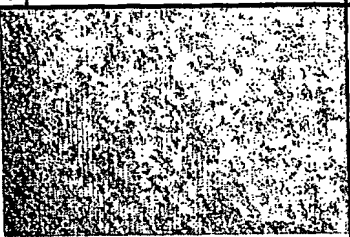
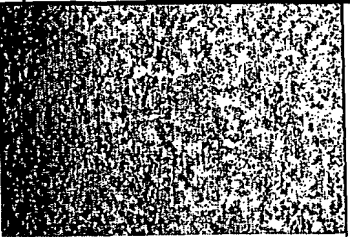
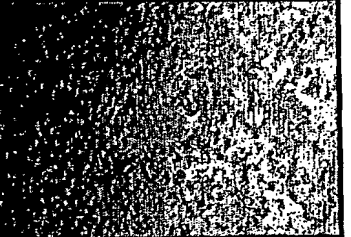
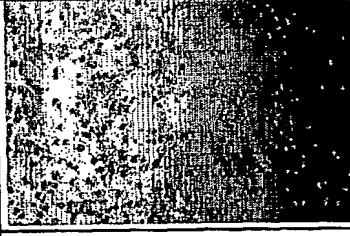
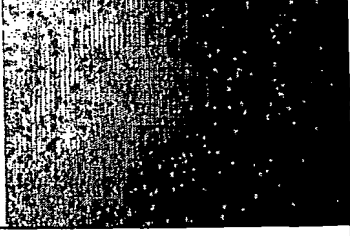

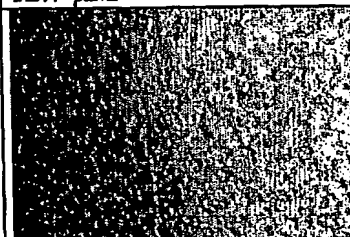
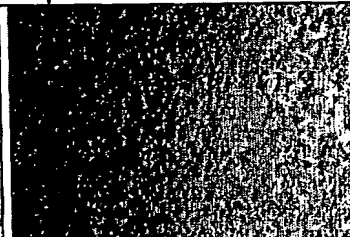
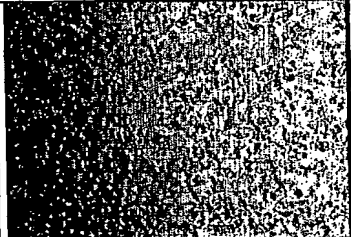
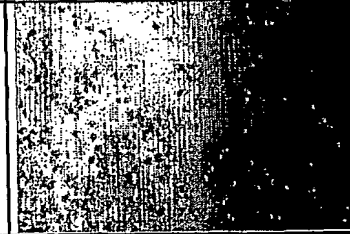
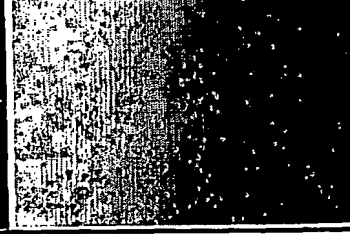
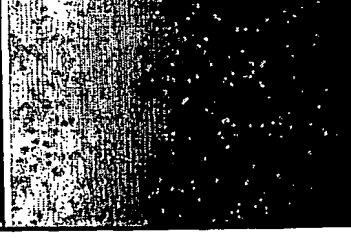
Experiment 25, Fig. 1: H: densely and L sparsely seeded areas of agar cultures. Photos after 48 hours

| | 16.9 μ M | 50.6 μ M | 151.9 μ M |
|---|---|--|---|
| #10, H |  |  |  |
| #10, L |  |  |  |
| | 15.4 μ M | 46.2 μ M | 138.7 μ M |
| #11, H |  |  |  |
| #11, L |  |  |  |
| | 0.00116 μ M | 0.0035 μ M | 0.0104 μ M |
| Somato tropin (Gentro pin, Pharma cia) H |  |  |  |
| Somato tropin (Gentro pin, Pharma cia) L |  |  |  |

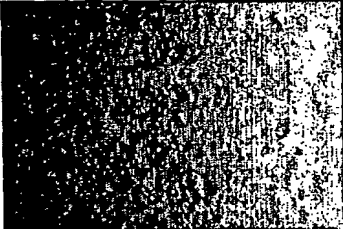
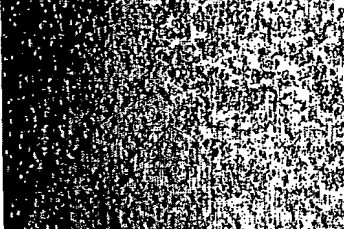
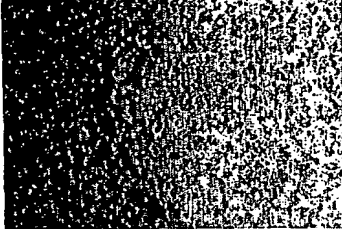
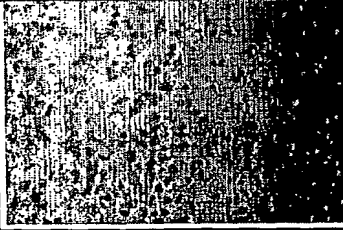
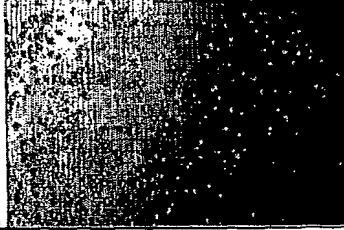
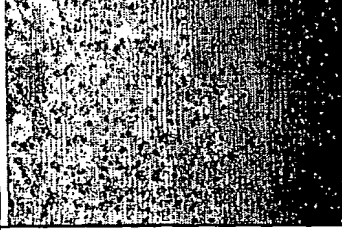
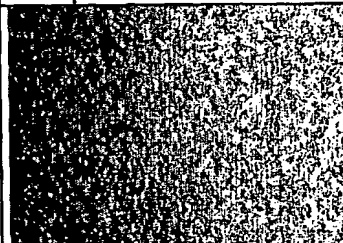
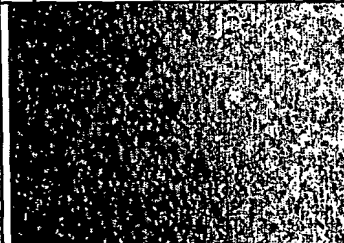
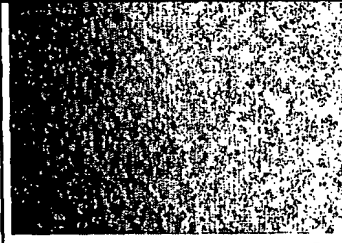
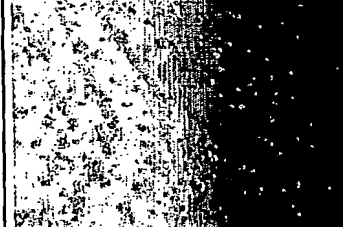
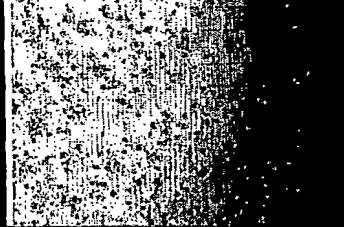

Experiment 25, Fig. 1, continued: H: densely and L sparsely seeded areas of agar cultures. Photos after 48 hours

| | 10.1 μ M | 30.3 μ M | 90.9 μ M |
|----------------------------------|---|--|---|
| Azathio prin (Imurel) H |  |  |  |
| Azathio prin (Imurel) L |  |  |  |
| | 0.333 μ M | 1 μ M | 3 μ M |
| 4-OH- OPB H |  |  |  |
| 4-OH- OPB L |  |  |  |
| | Contr. incubated 48 hours | Control before incubation | 0.111 μ M 4-OH-OPB |
| H |  |  |  |
| L |  |  |  |

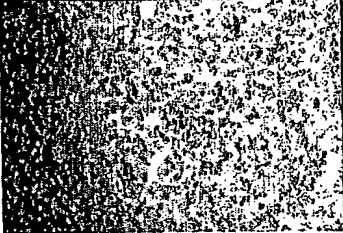
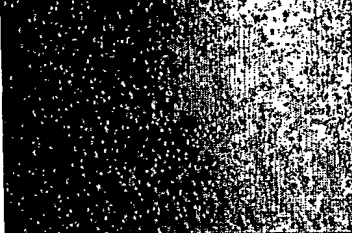

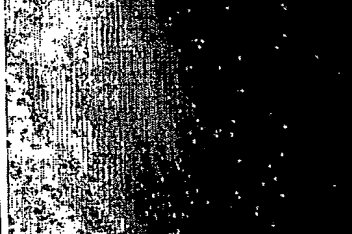
Experiment 26, Figure 1: H: densely and L sparsely seeded areas of agar cultures. After 24 hours incubation:

| | 1 μ M | 3 μ M | 9 μ M |
|-------------------------|---|--|---|
| Benzo(a) pyrene H |  |  |  |
| Benzo(a) pyrene L |  |  |  |
| | 12.7 μ M | 38 μ M | 114.1 μ M |
| Altretam ine H |  |  |  |
| Altretam ine L |  |  |  |

Experiment 26, Figure 1, continued: H: densely and L sparsely seeded areas of agar cultures. After 24 hours incubation:

| | 18.7 μ M | 56.1 μ M | 168.3 μ M |
|----------------|---|--|---|
| Sulindac H |  |  |  |
| Sulindac L |  |  |  |
| | 0.33 μ M | 1 μ M | 3 μ M |
| 4-OH- OPB H |  |  |  |
| 4-OH- OPB L |  |  |  |

Experiment 26, Figure 1, continued: H: densely and L sparsely seeded areas of agar cultures. After 24 hours incubation:

| | After 24 hours | Before incubation | |
|----------------------|---|--|--|
| <i>Control H</i> |  |  | |
| <i>Control L</i> |  |  | |

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